

Gross Domestic Product by Industry for 1998–2000

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THE Bureau of Economic Analysis has released new estimates of gross domestic product (GDP) by industry for 2000 and revised estimates for 1998–99.¹ The estimates incorporate the results of this year's annual revision of the national income and product accounts (NIPA's) and newly available source data.² The GDP-by-industry estimates are value-added measures that are based on the NIPA components of gross domestic income (see the box "Gross Domestic Product by Industry: Definition and Relationship to Gross Domestic Product and Other Measures of Output").

1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Domestic Product by Industry for 1997–99," *SURVEY OF CURRENT BUSINESS* 80 (December 2000): 24–35.

2. For more information, see Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," *SURVEY* 81 (August 2001): 7–32.

Highlights include the following.

- Real GDP growth for private industries, which generate about 88 percent of current-dollar GDP, slowed to 4.1 percent in 2000 from 4.8 percent in 1999.
- Strong real GDP growth for industries related to information technology boosted real GDP growth in 2000. Information technology-related industries grew at double-digit rates in 2000, more than twice the growth rate in real GDP.
- Real GDP growth of private goods-producing industries decelerated from 5.4 percent in 1999 to 2.9 percent in 2000.³ Rapidly rising prices for petroleum-related products contributed to the deceleration.

3. Private-goods producing industries consist of agriculture, forestry, and fishing; mining; construction; and manufacturing.

Gross Domestic Product by Industry: Definition and Relationship to Gross Domestic Product and Other Measures of Output

The Bureau of Economic Analysis (BEA) prepares several different, but related, measures of output. These measures include gross domestic product (GDP), gross domestic income (GDI), GDP by industry, gross output by industry, gross output from the input-output accounts, and gross state product (GSP).

Current-dollar GDP by industry, or gross product originating, is the contribution of each private industry and government to the Nation's GDP. It is the industry's value added, which is equal to its gross output (which consists of sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (which consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources). It is measured as the sum of distributions by industry of the components of GDI that are attributable to labor and property in the United States. The industry's gross output is benchmarked to the output estimates of the input-output accounts.

In the national income and product accounts (NIPA's), GDP is measured as the sum of the expenditure components and is benchmarked to the input-output accounts. GDI measures output as the sum of the costs incurred and the incomes earned in the production of GDP. In concept, GDP and GDI should be equal; in practice, they differ because their components are estimated using largely independent source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPA's as an "income" component that reconciles GDI with

GDP. BEA views GDP as the more reliable measure of output, because the source data underlying the estimates of expenditures are considered to be more accurate.¹

Because the estimates of current-dollar GDP by industry are computed using the components of GDI, the sum of the GDP-by-industry estimates also differs from current-dollar GDP by the statistical discrepancy. Thus, for the sum of GDP by industry to be equivalent to GDP, the statistical discrepancy must be included as an industry. The statistical discrepancy is included in private industries because in BEA's view, most of the measurement problems with the components of GDI affect private industries rather than general government or government enterprises.

GSP is derived as the sum of the GSP originating in all industries in a State and is the State counterpart of the Nation's GDP. GSP differs from GDP because like GDP by industry, it is measured as the sum of the distributions by industry of the components of GDI, but unlike GDP by industry, the statistical discrepancy is not included in the total and the compensation of Federal civilian and military personal as well as military structures and equipment located abroad are excluded.²

1. See the box "The Statistical Discrepancy," *SURVEY OF CURRENT BUSINESS* 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," *SURVEY* 77 (November 1997): 84–85.

2. For further information, see the box "Gross State Product Estimates," in Richard M. Beemiller and George K. Downey, "Gross State Product by Industry, 1992–99," *SURVEY* 81 (August 2001): 159.

• In 2000, private services-producing industries contributed 3.5 percentage points to the 4.1-percent growth in real GDP.⁴ The largest contributors were services and finance, insurance, and real estate.

• Private services-producing industries' share of current-dollar GDP increased to 65.8 percent in 2000 from 63.2 percent in 1997, continuing its long-term uptrend.

This article is presented in four parts. The first part discusses the relative performance of industries in terms of real growth rates, contributions to real growth, industry shares of current-dollar GDP, and the composition of current-dollar GDP by industry. The second part discusses the prices of GDP by industry, contributions to price change, and unit costs. The third part discusses the revisions to the estimates. The fourth part describes the changes to the methodology and presentation. The detailed GDP-by-industry estimates for 1997–2000 are presented in tables 1–14 at the end of the article (see also the box “Data Availability” on page 24).

Industry Growth, Contributions to Real Growth, Shares, and Composition

The relative performance of particular industries or industry groups can be assessed by examining their real growth rates, their contributions to real GDP growth, their shares of current-dollar GDP,

and the composition of current-dollar GDP by industry. The growth rate in an industry's real GDP by industry indicates whether the industry is growing faster or slower than the U.S. economy. An industry's contribution to real GDP growth indicates the extent to which the industry is affecting the growth of real GDP. Changes in an industry's share of current-dollar GDP indicate whether the industry's use of the economy's resources is increasing or decreasing. Changes in the composition of an industry's current-dollar GDP indicate whether the labor and capital shares for the industry are changing.

Real GDP-by-industry growth rates

In 1997–2000, real GDP increased at an average annual rate of 4.2 percent; private industries increased 4.6 percent, and government increased 1.6 percent (table A). Within the private industries group, goods-producing industries increased 4.2 percent, and services-producing industries increased 5.6 percent. All the private industry groups except mining and nondurable-goods manufacturing increased.

In both 1999 and 2000, real GDP increased 4.1 percent. In 1999, private industries increased 4.8 percent, and government increased 1.3 percent. In 2000, private industries increased 4.1 percent, and government increased 2.3 percent. All the private industry groups except mining either increased or

4. Private services-producing industries consist of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

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Table A.—Percent Changes in Real Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	4.3	4.1	4.1	4.2
Private industries	4.7	4.8	4.1	4.6
Private goods-producing industries	4.4	5.4	2.9	4.2
Agriculture, forestry, and fishing	1.3	5.5	8.4	5.0
Mining	2.4	–6.5	–15.0	–6.6
Construction	7.5	6.0	2.5	5.3
Manufacturing	4.1	6.1	4.1	4.8
Durable goods	9.8	8.1	7.1	8.3
Nondurable goods	–3.3	3.3	–0.0	–0.0
Private services-producing industries	6.0	5.3	5.4	5.6
Transportation and public utilities	2.1	7.9	6.0	5.3
Transportation	3.6	4.1	4.7	4.1
Communications	6.2	10.9	10.7	9.2
Electric, gas, and sanitary services	–4.1	9.9	2.3	2.6
Wholesale trade	13.6	3.8	2.8	6.6
Retail trade	7.3	5.5	7.3	6.7
Finance, insurance, and real estate	6.7	5.6	5.6	6.0
Services	4.1	4.5	5.1	4.5
Government	1.1	1.3	2.3	1.6

were unchanged in both years. Private goods-producing industries increased 5.4 percent in 1999 and 2.9 percent in 2000, and private services-producing industries increased 5.3 percent in 1999 and 5.4 percent in 2000.

The deceleration of 2.5 percentage points in private goods-producing industries resulted from decelerations in mining (8.5 percentage points), in construction (3.5 percentage points), and in manufacturing (2.0 percentage points). Within mining, the oil and gas extraction industry decelerated 9.8 percentage points; within nondurable-goods manufacturing, the petroleum and coal products industry decelerated 56.0 percentage points, partly reflecting rapidly rising prices for these industries' petroleum-related outputs and inputs (table 5A).

Despite the deceleration in private goods-producing industries, real growth in durable-goods manufacturing remained strong—8.1 percent in 1999 and 7.1 percent in 2000. Within durable-goods manufacturing, growth was exceptionally strong for the information technology (IT)-related industries. Industrial machinery and equipment (including computers) increased 9.5 percent in 1999 and 10.1 percent in 2000, and electronic and other electric equipment increased 21.3 percent in 1999 and 28.1 percent in 2000.

In addition, real growth rates for gross output and intermediate inputs by industry can be used to provide a more comprehensive picture of industry output. The growth rate of real gross output for an industry can be decomposed into the real growth rates of its primary factors of production (its value-added inputs—labor and capital) and its secondary factors of production (its intermediate inputs—including energy, raw materials, semifinished goods, and services—that are purchased from domestic industries and from foreign sources). For example, real gross output for manufacturing grew 3.7 percent in 2000 as a result of a 4.1-percent growth in real value added from labor and capital inputs (real GDP by industry) and of a 3.5-percent growth in real intermediate inputs (table B) (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates" on page 22).

Contributions to real GDP growth

An industry's contribution to real GDP growth depends on both its real growth rate and its relative size.⁵ In 1997–2000, private goods-producing industries contributed 1.0 percentage point to the 4.2-percent average annual growth rate of real

GDP, and private services-producing industries contributed 3.6 percentage points (table C).

In both 1999 and 2000, real GDP increased 4.1 percent. Private goods-producing industries contributed 1.3 percentage points in 1999 and 0.7 percentage point in 2000; private services-producing industries contributed 3.4 percentage points in

5. See the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note" in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995–97," *SURVEY* 78 (November 1998): 24–25.

Table B.—Percent Changes in Chain-Type Quantity Indexes by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	4.3	4.1	4.1	4.2
Private industries:				
Gross output	5.0	4.9	4.8	4.9
Intermediate inputs	4.4	4.4	4.9	4.5
Gross domestic product by industry ¹	4.7	4.8	4.1	4.6
Private goods-producing industries:				
Gross output	4.0	4.0	3.3	3.8
Intermediate inputs	3.7	3.0	3.6	3.4
Gross domestic product by industry	4.4	5.4	2.9	4.2
Agriculture, forestry, and fishing:				
Gross output	1.8	3.2	1.8	2.3
Intermediate inputs	2.3	1.4	–3.5	0.0
Gross domestic product by industry	1.3	5.5	8.4	5.0
Mining:				
Gross output	–2.3	–4.7	2.9	–1.4
Intermediate inputs	–9.0	–2.0	31.3	5.4
Gross domestic product by industry	2.4	–6.5	–15.0	–6.6
Construction:				
Gross output	2.0	4.7	1.6	2.8
Intermediate inputs	–5.1	2.6	0.2	–0.8
Gross domestic product by industry	7.5	6.0	2.5	5.3
Manufacturing:				
Gross output	4.7	4.3	3.7	4.3
Intermediate inputs	5.1	3.3	3.5	4.0
Gross domestic product by industry	4.1	6.1	4.1	4.8
Durable goods:				
Gross output	7.6	6.9	6.7	7.1
Intermediate inputs	6.3	6.2	6.5	6.3
Gross domestic product by industry	9.8	8.1	7.1	8.3
Nondurable goods:				
Gross output	1.3	1.1	0.1	0.8
Intermediate inputs	3.7	–0.0	0.1	1.3
Gross domestic product by industry	–3.3	3.3	–0.0	–0.0
Private services-producing industries:				
Gross output	5.7	5.4	5.6	5.6
Intermediate inputs	5.0	5.6	6.0	5.5
Gross domestic product by industry	6.0	5.3	5.4	5.6
Transportation and public utilities:				
Gross output	5.5	6.0	4.7	5.4
Intermediate inputs	9.8	3.6	3.1	5.5
Gross domestic product by industry	2.1	7.9	6.0	5.3
Wholesale trade:				
Gross output	6.5	7.0	5.1	6.2
Intermediate inputs	–8.5	14.9	10.4	5.1
Gross domestic product by industry	13.6	3.8	2.8	6.6
Retail trade:				
Gross output	6.0	6.6	6.5	6.4
Intermediate inputs	3.5	8.8	5.0	5.7
Gross domestic product by industry	7.3	5.5	7.3	6.7
Finance, insurance, and real estate:				
Gross output	4.1	4.9	6.5	5.2
Intermediate inputs	–0.3	3.6	8.2	3.8
Gross domestic product by industry	6.7	5.6	5.6	6.0
Services:				
Gross output	6.8	4.7	5.1	5.5
Intermediate inputs	11.3	5.1	5.2	7.2
Gross domestic product by industry	4.1	4.5	5.1	4.5
Government:				
Gross output	1.5	1.4	2.1	1.7
Intermediate inputs	6.4	3.2	–1.2	2.7
Gross domestic product by industry	1.1	1.3	2.3	1.6

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross domestic product by industry.

1999 and 3.5 percentage points in 2000. The smaller contribution by the private goods-producing industries in 2000 resulted from decreases in the contributions by mining (0.1 percentage point), by construction (0.2 percentage point), and by manufacturing (0.3 percentage point). The largest contributors in 2000—at 1.1 percentage points each—were services and finance, insurance, and real estate (FIRE). The contributions by durable-goods manufacturing were also strong—0.8 percentage point in 1999 and 0.7 percentage point in 2000—partly reflecting the strong growth in IT-related industries.

Shares of current-dollar GDP

An industry's share of current-dollar GDP is a good indicator of the industry's relative size in the economy.⁶ In 1997–2000, the share of current-dollar GDP accounted for by private services-producing industries rose, while the shares accounted for by private goods-producing industries and by government declined (tables D and 2). The share of private services-producing industries increased from 63.2 percent in 1997 to 65.8 percent in 2000,

6. It is a better indicator of the industry's relative size in the economy than the industry's share of real GDP, because the shares of real GDP depend on the choice of the reference year. The shares of current-dollar GDP can also be used to examine long-term trends in relative size, because these shares do not become distorted for years that are far from the reference year.

Table C.—Contributions to Percent Change in Real Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Percent change:				
Gross domestic product.....	4.3	4.1	4.1	4.2
Percentage points:				
Private industries.....	4.1	4.2	3.6	4.0
Private goods-producing industries.....	1.0	1.3	0.7	1.0
Agriculture, forestry, and fishing.....	0.0	0.1	0.1	0.1
Mining.....	0.0	-0.1	-0.2	-0.1
Construction.....	0.3	0.3	0.1	0.2
Manufacturing.....	0.7	1.0	0.7	0.8
Durable goods.....	0.9	0.8	0.7	0.8
Nondurable goods.....	-0.2	0.2	-0.0	-0.0
Private services-producing industries.....	3.8	3.4	3.5	3.6
Transportation and public utilities.....	0.2	0.7	0.5	0.4
Transportation.....	0.1	0.1	0.2	0.1
Communications.....	0.2	0.3	0.3	0.3
Electric, gas, and sanitary services.....	-0.1	0.2	0.1	0.1
Wholesale trade.....	0.9	0.3	0.2	0.5
Retail trade.....	0.7	0.5	0.7	0.6
Finance, insurance, and real estate.....	1.3	1.1	1.1	1.1
Services.....	0.8	0.9	1.1	1.0
Government.....	0.1	0.2	0.3	0.2

NOTE.—For information on the calculation of the contributions to percent change, see footnote 5 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).

the share of private goods-producing industries decreased from 23.6 percent to 23.2 percent, and the share of government fell from 12.8 percent to 12.3 percent. The increase in the share of private services-producing industries was mostly accounted for by services and FIRE. The share of services rose 1.6 percentage points with business services increasing the most (1.0 percentage point), and the share of FIRE rose 0.7 percentage point with depository institutions increasing the most (0.4 percentage point). The shares of all goods-producing industry groups except construction decreased. The decrease in share of government was accounted for by both Federal Government and State and local governments: The Federal Government share decreased 0.4 percentage point, and the State and local government share decreased 0.1 percentage point.

Composition of current-dollar GDP by industry

The changes over time in an industry's share of labor and capital reflect differences in the growth rates of the components of current-dollar GDP by industry—compensation of employees, indirect business tax and nontax liability, and property-type income.⁷ For the total economy, the share of GDP accounted for by labor increased from 56.0 percent in 1997 to 57.9 percent in 2000, while the share accounted for by capital decreased from 35.9 percent to 35.7 percent (table 4).⁸ In 1997–2000, the labor shares of private goods-pro-

Table D.—Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product
[Percent]

	1997	1998	1999	2000
Gross domestic product.....	100.0	100.0	100.0	100.0
Private industries.....	87.2	87.4	87.6	87.7
Private goods-producing industries.....	23.6	23.2	23.2	23.2
Agriculture, forestry, and fishing.....	1.6	1.5	1.4	1.4
Mining.....	1.4	1.1	1.1	1.3
Construction.....	4.1	4.3	4.6	4.7
Manufacturing.....	16.6	16.3	16.1	15.9
Durable goods.....	9.5	9.5	9.3	9.1
Nondurable goods.....	7.1	6.8	6.8	6.7
Private services-producing industries.....	63.2	64.6	65.1	65.8
Transportation and public utilities.....	8.3	8.3	8.4	8.4
Transportation.....	3.1	3.3	3.3	3.2
Communications.....	2.7	2.7	2.8	2.8
Electric, gas, and sanitary services.....	2.5	2.3	2.3	2.3
Wholesale trade.....	6.8	6.9	6.8	6.8
Retail trade.....	8.9	9.0	9.0	9.1
Finance, insurance, and real estate.....	18.9	19.5	19.5	19.6
Services.....	20.3	20.8	21.4	21.9
Statistical discrepancy ¹	0.4	-0.4	-0.8	-1.3
Government.....	12.8	12.6	12.4	12.3

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

ducing and private services-producing industries increased—1.1 percentage points and 1.6 percentage points, respectively—and the capital shares of private goods-producing and services-producing industries decreased—1.2 percentage points and 1.1 percentage points, respectively.

For manufacturing, the labor share increased 0.7 percentage point in 1997–2000 while the capital share decreased 1.2 percentage points. The increase in labor share and the decrease in capital share can be largely attributed to durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing output; its labor share increased 2.3 percentage points, and its capital share decreased 2.5 percentage points.

Industry Prices, Contributions to Price Change, and Unit Costs

The growth rate in an industry's price index indicates whether its prices are growing faster or slower than overall prices in the economy. An industry's contribution to GDP price change indicates the extent to which the industry is affecting overall prices. Changes in an industry's unit costs indicate the extent to which the cost structure of the industry is changing.

GDP-by-industry prices

The price index for GDP by industry for an industry or an industry group represents the price of the industry's primary factors of production (the value-added inputs of labor and capital). In 1997–2000, the GDP price index grew at an average annual rate of 1.6 percent; the price index for private industries grew 1.4 percent, and the price index for government grew 2.9 percent (table E). The growth in the price index for private services-producing industries, at 1.6 percent, exceeded the growth in the price index for private goods-producing industries, at 1.0 percent.

The growth in the GDP price index accelerated 0.9 percentage point from 1.4 percent in 1999 to

2.3 percent in 2000; the growth in the price index for private goods-producing industries accelerated 3.4 percentage points, and that for private services-producing industries accelerated 0.9 percentage point. The large acceleration for private goods-producing industries partly resulted from accelerations in mining (34.6 percentage points) and in nondurable-goods manufacturing (3.7 percentage points). Within mining, the growth in the price index for oil and gas extraction accelerated

Table E.—Percent Changes in Chain-Type Price Indexes by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	1.2	1.4	2.3	1.6
Private industries:				
Gross output	-0.3	1.0	2.9	1.2
Intermediate inputs	-1.8	1.1	3.4	0.9
Gross domestic product by industry ¹	1.1	0.8	2.4	1.4
Private goods-producing industries:				
Gross output	-2.7	0.3	3.5	0.3
Intermediate inputs	-4.1	0.4	3.6	-0.1
Gross domestic product by industry	-0.6	0.1	3.5	1.0
Agriculture, forestry, and fishing:				
Gross output	-4.1	-3.0	2.2	-1.7
Intermediate inputs	-5.2	-0.7	5.6	-0.2
Gross domestic product by industry	-2.8	-5.8	-1.6	-3.4
Mining:				
Gross output	-14.5	8.6	37.7	8.6
Intermediate inputs	-9.4	6.3	29.5	7.6
Gross domestic product by industry	-17.6	10.2	44.8	9.5
Construction:				
Gross output	3.0	3.9	4.5	3.8
Intermediate inputs	0.6	1.6	1.5	1.2
Gross domestic product by industry	4.8	5.4	6.3	5.5
Manufacturing:				
Gross output	-3.0	-0.4	2.0	-0.5
Intermediate inputs	-4.4	0.2	2.9	-0.5
Gross domestic product by industry	-0.3	-1.4	0.6	-0.4
Durable goods:				
Gross output	-3.6	-2.4	-1.9	-2.6
Intermediate inputs	-3.1	-1.6	-1.3	-2.0
Gross domestic product by industry	-4.4	-3.6	-2.8	-3.6
Nondurable goods:				
Gross output	-2.1	2.1	7.2	2.3
Intermediate inputs	-5.8	2.3	8.2	1.4
Gross domestic product by industry	5.6	1.7	5.4	4.2
Private services-producing industries:				
Gross output	1.2	1.3	2.5	1.7
Intermediate inputs	0.4	1.7	3.3	1.8
Gross domestic product by industry	1.7	1.1	2.0	1.6
Transportation and public utilities:				
Gross output	0.5	0.3	3.8	1.5
Intermediate inputs	-3.8	2.8	8.5	2.4
Gross domestic product by industry	4.1	-1.7	0.2	0.8
Wholesale trade:				
Gross output	-4.2	0.4	2.8	-0.4
Intermediate inputs	-1.0	0.7	1.2	0.3
Gross domestic product by industry	-5.6	0.4	3.5	-0.6
Retail trade:				
Gross output	-0.1	0.8	0.8	0.5
Intermediate inputs	0.8	1.9	3.0	1.9
Gross domestic product by industry	-0.6	0.2	-0.3	-0.2
Finance, insurance, and real estate:				
Gross output	2.5	0.8	1.5	1.6
Intermediate inputs	3.5	1.8	2.1	2.4
Gross domestic product by industry	2.0	0.3	1.3	1.2
Services:				
Gross output	2.5	2.7	3.4	2.9
Intermediate inputs	0.1	1.3	2.3	1.3
Gross domestic product by industry	3.9	3.6	4.0	3.8
Government:				
Gross output	2.2	3.1	3.4	2.9
Intermediate inputs	-1.2	2.9	6.5	2.7
Gross domestic product by industry	2.4	3.1	3.2	2.9

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross domestic product by industry.

7. The labor share of production is approximated using compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of production is approximated using property-type income, which consists of corporate profits and proprietors' income, inventory valuation adjustments, rental income of persons, net interest, private capital consumption allowances, business transfer payments, the current surplus of government enterprises less subsidies, and government consumption of fixed capital. Proprietors' income is included in property-type income as a capital share of production; but an unknown portion of proprietors' income represents a labor share of production. Indirect business tax and nontax liability (primarily sales, property, and excise taxes) is not included in property-type income, because it is the part of the pretax return to capital that accrues to government rather than to business.

8. For some purposes, using the shares of gross output is preferable to using the shares of GDP by industry. The shares of GDP by industry are larger than those of gross output, because gross output also includes intermediate inputs.

47.0 percentage points. Within nondurable-goods manufacturing, the growth in the price index for petroleum and coal products accelerated 90.8 percentage points, partly reflecting rapidly rising prices for petroleum-related products (table 7A).

Despite the increase in the price index for private goods-producing industries, the price index for durable-goods manufacturing continued to decrease—3.6 percent in 1999 and 2.8 percent in 2000. Within durable-goods manufacturing, the decreases reflected decreases in industries related to IT; the price index for industrial machinery and equipment decreased 9.4 percent in 1999 and 3.2 percent in 2000; the price index for electronic and

other electric equipment decreased 14.3 percent in 1999 and 14.5 percent in 2000.

The growth rates in GDP-by-industry prices can be used in combination with the growth rates in intermediate inputs prices to decompose the growth rate in an industry's gross output prices. For example, the price index for manufacturing gross output grew 2.0 percent in 2000 as a result of a 0.6-percent growth in the price index for GDP by industry and a 2.9-percent growth in the price index for intermediate inputs (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates").

Using the GDP-by-Industry Accounts Estimates

The gross domestic product (GDP) by industry accounts provide estimates of quantity and price change for GDP by industry—that is, value added by industry—and for gross output by industry and for intermediate inputs by industry. These estimates in combination with the current-dollar estimates can be used to decompose an industry's real output and price growth.

Industry output is produced using primary and secondary factors of production: Primary factors of production consist of the value-added inputs of labor and capital; secondary factors of production consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources. Output growth is measured as the percent change in an industry's chain-type quantity index for gross output. The use of primary factors of production is measured as the percent change in the chain-type quantity index for GDP by industry, and the use of secondary factors of production is measured as the percent change in the quantity index for intermediate inputs by industry.¹ The relative importance of the primary and secondary factors in producing output depends on their relative sizes—that is, on the current-dollar levels of GDP by industry and of intermediate inputs by industry relative to the current-dollar level of gross output by industry.

For example, decomposing the output growth in the industrial machinery and equipment industry (which includes the computer industry) demonstrates that a large portion of the growth in real gross output for this industry resulted from the growth in its real intermediate inputs. In 2000, the gross output quantity index for this industry increased 15.1 percent as a result of a 10.1-percent growth rate in the quantity index for GDP by industry (the primary factors of production) and a 18.3-percent growth rate in the quantity index for intermediate inputs (the secondary factors of production) (see exhibit 1). The growth rate in gross output is closer to the growth rate in intermediate

inputs to current-dollar gross output (61.4 percent) is larger than the ratio of current-dollar GDP by industry to current-dollar gross output (38.6 percent)—that is, this industry has a high current-dollar input-output ratio. To a large extent, this industry's real gross output growth reflected increases in its production of computers, and its real intermediate inputs growth reflected increases in its use of semiconductors.

Similarly, decomposing the growth rate in the gross output chain-type price index for the industrial machinery and equipment industry demonstrates the importance of the growth in its intermediate inputs price index. The gross output price index for the industrial machinery and equipment industry decreased 3.4 percent in 2000 as a result of a 3.2-percent decrease in its GDP-by-industry price index and a 3.5-percent decrease in its intermediate inputs price index. The relative importance of the prices of intermediate inputs reflects the industry's high current-dollar input-output ratio. The decrease in its gross output price index partly reflected falling prices for computers, and the decrease in the intermediate inputs price index partly reflected falling prices for semiconductors.

Together, these quantity and price decompositions for the industrial machinery and equipment industry provide further insight into the industry's real gross output growth. The 15.1-percent growth rate in real gross output primarily reflected an 18.3-percent increase in real intermediate inputs, which in turn, partly reflected a 3.5-percent decrease in the price for intermediate inputs. To a large extent, the decrease in the price for intermediate inputs reflected falling prices for semiconductors.

Exhibit 1.—Industrial Machinery and Equipment, 1999–2000

	Percent change		Current-dollar share of gross output
	Quantity index	Price index	
Gross output.....	15.1	–3.4	100.0
GDP by industry.....	10.1	–3.2	38.6
Intermediate inputs.....	18.3	–3.5	61.4

1. For more information, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries," SURVEY OF CURRENT BUSINESS 76 (August 1996): 142.

NOTE.—Current-dollar shares of gross output are computed as average shares for 1999 and 2000. The growth rates in gross output are not simple averages of the growth rates in GDP by industry and in intermediate inputs, because the Fisher index-number formula is used in the double-deflation procedure.

Contributions to GDP price change

An industry's contribution to the growth in GDP prices depends on both the growth rate of its price index and its relative size.⁹ In 1997–2000, services was the largest contributor—at 0.8 percentage point—to the 1.6-percent average annual growth rate in the GDP price index (table F).

The GDP price index increased 1.4 percent in 1999 and 2.3 percent in 2000. Private goods-producing industries contributed 0.0 percentage point in 1999 and 0.8 percentage point in 2000. The increase in contributions by the private goods-producing industries in 2000 partly resulted from increases in contributions by mining (up 0.4 percentage point) and by nondurable-goods manufacturing (up 0.3 percentage point). In both 1999 and 2000, the contribution by durable-goods manufacturing was –0.3 percentage point, partly reflecting the declining prices for IT-related products, such as computers, digital telephone switching equipment, semiconductors, and local area network (LAN) equipment.

9. For price calculations, the procedures used to compute contributions to real GDP growth were modified to replace the chain-type quantity index with the chain-type price index.

Table F.—Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Percent change:				
Gross domestic product	1.2	1.4	2.3	1.6
Percentage points:				
Private industries	0.9	0.7	2.1	1.3
Private goods-producing industries	–0.2	0.0	0.8	0.2
Agriculture, forestry, and fishing	–0.0	–0.1	–0.0	–0.0
Mining	–0.3	0.1	0.5	0.1
Construction	0.2	0.2	0.3	0.2
Manufacturing	–0.1	–0.2	0.1	–0.1
Durable goods	–0.4	–0.3	–0.3	–0.3
Nondurable goods	0.4	0.1	0.4	0.3
Private services-producing industries	1.1	0.7	1.3	1.0
Transportation and public utilities	0.3	–0.1	0.0	0.1
Transportation	0.2	0.0	–0.0	0.1
Communications	0.0	–0.1	–0.0	–0.0
Electric, gas, and sanitary services	0.1	–0.1	0.1	0.0
Wholesale trade	–0.4	0.0	0.2	–0.0
Retail trade	–0.0	0.0	–0.0	–0.0
Finance, insurance, and real estate	0.4	0.1	0.2	0.2
Services	0.8	0.8	0.9	0.8
Government	0.3	0.4	0.4	0.4

NOTE.—For information on the calculation of the contributions to percent change, see footnote 9 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of “not allocated by industry” are excluded.

Unit costs

The price index for GDP by industry for an industry represents the price of its primary factors of production, so an industry's price index, in combination with its current-dollar components of GDP by industry, can be used to assess each component's contribution to total industry labor and capital costs.¹⁰

The measures of unit costs are computed by dividing current-dollar GDP by industry and its components by real (chained-dollar) GDP by industry.¹¹ The resulting quotients are the GDP-by-industry implicit price index and the part of the price index that is associated with each component.¹² Unit-cost measures by private industry group are presented in table 14. If the percent change in the unit cost for a component is greater than the percent change in the GDP-by-industry price index, the relative importance of that component in the industry cost structure has increased.

The total cost per unit for private industries increased 1.4 percent in 1997–2000 (table G). Unit costs for compensation of employees (unit labor costs) increased 2.3 percent. Unit costs for property-type income increased 0.5 percent, and unit costs for indirect business tax and nontax liability increased 0.4 percent. The larger increase in unit labor costs indicates that labor costs became a larger part of total unit costs during the period.

In 1997–2000, unit labor costs declined in durable-goods manufacturing and retail trade, and they increased in all the other private industry groups. In agriculture, forestry, and fishing, in transportation and public utilities, in wholesale trade, in FIRE, and in services, the increases in unit labor costs were larger than the increases in total unit costs.

Revisions to the Estimates of GDP by Industry

The revisions to the GDP-by-industry estimates for 1998–99 reflect the revisions to the annual NIPA estimates and the incorporation of new and revised source data for gross output and prices. The revisions to current-dollar GDP for 1998 were smaller than those for 1999; GDP was revised down \$8.7 billion for 1998 and \$30.6 billion for 1999 (table H). Real GDP growth was revised

10. See the section “Composition of current-dollar GDP by industry.”

11. Current-dollar cost per unit of real GDP by industry equals the GDP-by-industry implicit price index divided by 100.

12. The unit-cost measures are not derived from separate price indexes for labor and capital; instead, these measures are derived by proportionally distributing an industry's price index to the components of its current-dollar GDP by industry.

down 0.1 percentage point for both 1998 and 1999. The revisions to real GDP for some industry groups were substantial, but the effects of these revisions on real GDP growth were generally small.

The revisions to the current-dollar estimates of GDP by industry for 1998–99 reflected the incorporation of the revised NIPA estimates of the components of gross domestic income and the industry distributions of these components. Private industries was revised down—\$6.2 billion for 1998 and \$23.9 billion for 1999. For 1998, large

downward revisions to services (\$7.2 billion), retail trade (\$6.4 billion), mining (\$5.4 billion), and the statistical discrepancy (\$6.2 billion) were partly offset by a large upward revision to FIRE (\$19.0 billion). For 1999, large downward revisions to retail trade (\$21.5 billion), wholesale trade (\$9.8 billion), services (\$6.0 billion), and mining (\$8.5 billion) were partly offset by a large upward revision to FIRE (\$18.5 billion).

The revisions to the growth rates of real GDP by industry for 1998 and 1999 reflect the revisions to current-dollar GDP by industry and the incorporation of new and revised source data for gross output and prices. For 1998, the growth rate of private industries was revised down 0.2 percentage point; the growth rate of private goods-producing industries was revised down 0.2 percentage point, and that of private services-producing industries was revised down 0.1 percentage point. For 1999, the growth rate of private industries was not revised; the growth rate of private goods-producing industries was revised up 0.4 percentage point, and that of private services-producing industries was revised down 0.2 percentage point. By industry group, the largest revisions for 1998 were to mining (down 5.5 percentage points) and to electric, gas, and sanitary services (down 1.8 percentage points). The largest revisions for 1999 were to communications (down 3.2 percentage points), to mining (down 3.1 percentage points), and to wholesale trade (down 2.8 percentage points).

Changes to the Methodology and Presentation

Several changes to the methodology and presentation were incorporated into the estimates of GDP by industry. These changes included the incorporation of source data converted from the North

Table G.—Percent Changes in Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Total	1.1	0.8	2.4	1.4
Compensation of employees	2.4	1.5	3.1	2.3
Indirect business tax and nontax liability	-0.2	-0.6	2.1	0.4
Property-type income	-0.4	0.3	1.5	0.5
Goods-producing industries	-0.6	0.1	3.5	1.0
Compensation of employees	1.9	-0.6	3.4	1.5
Indirect business tax and nontax liability	0.5	-0.9	9.8	3.0
Property-type income	-4.7	1.4	3.0	-0.2
Agriculture, forestry and fishing	-2.8	-5.8	-1.6	-3.4
Compensation of employees	6.8	1.8	-4.4	1.3
Indirect business tax and nontax liability	-1.7	0.6	-5.5	-2.2
Property-type income	-8.0	-11.0	0.8	-6.2
Mining	-17.6	10.2	44.8	9.5
Compensation of employees	-0.8	2.5	25.0	8.3
Indirect business tax and nontax liability	-5.4	7.2	37.7	11.8
Property-type income	-28.0	16.1	58.0	9.7
Construction	4.8	5.4	6.3	5.5
Compensation of employees	3.7	4.5	6.6	4.9
Indirect business tax and nontax liability	1.7	0.8	3.6	2.0
Property-type income	7.2	7.4	5.9	6.8
Manufacturing	-0.3	-1.4	0.6	-0.4
Compensation of employees	1.0	-2.6	1.6	-0.0
Indirect business tax and nontax liability	2.7	-1.3	10.2	3.7
Property-type income	-3.1	0.7	-2.3	-1.6
Durable goods	-4.4	-3.6	-2.8	-3.6
Compensation of employees	-3.3	-3.7	-0.4	-2.5
Indirect business tax and nontax liability	-5.2	-1.0	-1.7	-2.6
Property-type income	-6.8	-3.6	-8.2	-6.2
Nondurable goods	5.6	1.7	5.4	4.2
Compensation of employees	7.1	-1.3	4.1	3.2
Indirect business tax and nontax liability	12.4	-0.0	20.5	10.6
Property-type income	2.8	6.1	5.0	4.6
Services-producing industries	1.7	1.1	2.0	1.6
Compensation of employees	2.7	2.4	3.1	2.7
Indirect business tax and nontax liability	-0.5	-0.6	0.7	-0.1
Property-type income	1.0	-0.1	1.0	0.7
Transportation and public utilities	4.1	-1.7	0.2	0.8
Compensation of employees	5.3	0.7	0.9	2.3
Indirect business tax and nontax liability	5.7	-3.6	-0.7	0.4
Property-type income	2.7	-3.5	-0.4	-0.4
Wholesale trade	-5.6	0.4	3.5	-0.6
Compensation of employees	-3.8	3.1	4.3	1.1
Indirect business tax and nontax liability	-8.7	-0.4	3.2	-2.1
Property-type income	-6.7	-5.3	1.7	-3.5
Retail trade	-0.6	0.2	-0.3	-0.2
Compensation of employees	-1.9	1.1	-0.6	-0.5
Indirect business tax and nontax liability	-1.5	0.7	0.4	-0.1
Property-type income	3.2	-2.3	0.0	0.3
Finance, insurance and real estate	2.0	0.3	1.3	1.2
Compensation of employees	6.1	1.7	2.8	3.5
Indirect business tax and nontax liability	-1.7	-1.7	-0.5	-1.3
Property-type income	1.2	0.2	1.0	0.8
Services	3.9	3.6	4.0	3.8
Compensation of employees	4.8	3.7	4.8	4.4
Indirect business tax and nontax liability	4.1	3.0	1.7	2.9
Property-type income	1.6	3.4	1.8	2.3

Data Availability

The summary estimates of gross domestic product by industry that are presented in this article and more detailed estimates for 1947–2000 are available on BEA's Web site; go to <www.bea.doc.gov> and click on "Industry: Gross product and input-output data."

In addition, the estimates will be available on the following diskettes in early December.

Gross Domestic Product by Industry, 1947–2000—product number NDN–0287

Gross Output by Detailed Industry, 1977–2000—product number NDN–0288

Shipments of Manufacturing Industries, 1977–2000—product number NDN–0289

To order, call the BEA Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

American Industry Classification System (NAICS) to the Standard Industrial Classification (SIC) system, the incorporation of a quality-adjusted price index for local area network (LAN) equipment, the incorporation of inputs data from the 1997 annual input-output (I-O) accounts, and the expansion of the tables to include estimates for private goods-producing industries and for private services-producing industries and to present percent changes in the chain-type quantity and price indexes for GDP by industry.

This revision incorporated new and revised source data from private industry associations and from other Federal Government agencies. Several Government agencies provided source data that are based on NAICS rather than on the SIC. Major source data on a NAICS basis included data from the 1997 Economic Census, the annual survey of manufactures, the services annual survey, and the *Statistics of Income* from the Internal Revenue Service. In addition, BEA provided NAICS-based estimates for change in private inventories.

The GDP-by-industry estimates remain on an SIC basis, so the NAICS-based source data were converted to an SIC basis by the source agency or by BEA using information provided by the source agency. Full implementation of NAICS for the GDP-by-industry estimates depends on the implementation of NAICS in both the NIPA's and the benchmark input-output accounts, which, in turn,

depends on the implementation schedules of source data agencies.¹³

A newly available price index from the Federal Reserve Board that reflects quality improvements to LAN equipment—routers, switches, and hubs—was used in the deflation of gross output for the electronic and other electric equipment industry and for the deflation of intermediate inputs. A composite price index consisting of this index and the producer price indexes from the Bureau of Labor Statistics was used to deflate telephone and telegraph apparatus.

The industry distributions of inputs from the 1997 annual I-O accounts were incorporated into the industry estimates of intermediate inputs. Currently, the 1997 annual I-O table is the latest available.

The GDP-by-industry tables were expanded to include estimates for private goods-producing industries and for private services-producing industries and to include new tables that present percent changes in the chain-type quantity and price indexes for GDP by industry. This expansion allows for greater consistency and comparability across the GDP-by-industry measures of industry performance.

Tables 1–14 follow.

13. See John R. Kort, "The North American Industry Classification System in BEA's Economic Accounts," SURVEY 81 (May 2001): 7–13.

Table H.—Revisions to Gross Domestic Product by Industry Group

	Current-dollar gross domestic product by industry Billions of dollars						Real gross domestic product by industry Percent change from previous year					
	1998			1999			1998			1999		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	8,790.2	8,781.5	-8.7	9,299.2	9,268.6	-30.6	4.4	4.3	-0.1	4.2	4.1	-0.1
Private industries	7,684.4	7,678.2	-6.2	8,140.8	8,116.9	-23.9	4.9	4.7	-0.2	4.8	4.8	0.0
Private goods-producing industries	2,046.9	2,040.6	-6.3	2,154.4	2,152.9	-1.5	4.6	4.4	-0.2	5.0	5.4	0.4
Agriculture, forestry, and fishing	127.2	128.0	0.8	125.4	127.2	1.8	0.2	1.3	1.1	4.8	5.5	0.7
Mining	105.6	100.2	-5.4	111.8	103.3	-8.5	7.9	2.4	-5.5	-3.4	-6.5	-3.1
Construction	378.1	380.8	2.7	416.4	425.5	9.1	6.5	7.5	1.0	4.4	6.0	1.6
Manufacturing	1,436.0	1,431.5	-4.5	1,500.8	1,496.8	-4.0	4.3	4.1	-0.2	5.7	6.1	0.3
Durable goods	833.4	830.7	-2.7	877.8	865.7	-12.1	9.8	9.8	0.0	8.8	8.1	-0.7
Nondurable goods	602.6	600.8	-1.8	623.1	631.0	7.9	-2.9	-3.3	-0.4	1.6	3.3	1.7
Private services-producing industries	5,662.2	5,668.6	6.4	6,058.3	6,036.7	-21.6	6.1	6.0	-0.1	5.5	5.3	-0.2
Transportation and public utilities	728.0	732.0	4.0	779.6	776.8	-2.8	2.6	2.1	-0.5	9.6	7.9	-1.7
Transportation	287.8	288.7	0.9	303.4	302.7	-0.7	3.3	3.6	0.3	6.0	4.1	-1.8
Communications	234.1	238.5	4.4	260.2	258.5	-1.7	6.5	6.2	-0.3	14.1	10.9	-3.2
Electric, gas, and sanitary services	206.0	204.8	-1.2	216.0	215.6	-0.4	-2.3	-4.1	-1.8	9.6	9.9	0.3
Wholesale trade	610.9	607.9	-3.0	643.3	633.5	-9.8	13.9	13.6	-0.3	6.6	3.8	-2.8
Retail trade	796.8	790.4	-6.4	856.4	834.9	-21.5	8.1	7.3	-0.8	5.2	5.5	0.3
Finance, insurance, and real estate	1,689.5	1,708.5	19.0	1,792.1	1,810.6	18.5	5.6	6.7	1.1	5.4	5.6	0.3
Services	1,837.1	1,829.9	-7.2	1,986.9	1,980.9	-6.0	4.4	4.1	-0.3	4.0	4.5	0.5
Statistical discrepancy ¹	-24.8	-31.0	-6.2	-71.9	-72.7	-0.8						
Government	1,105.8	1,103.3	-2.5	1,158.4	1,151.7	-6.7	1.4	1.1	-0.3	2.0	1.3	-0.7

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 1.—Gross Domestic Product by Industry in Current Dollars, 1997–2000

[Billions of dollars]

Line		1997	1998	1999	2000
1	Gross domestic product.....	8,318.4	8,781.5	9,268.6	9,872.9
2	Private industries.....	7,253.6	7,678.2	8,116.9	8,656.5
3	Private goods-producing industries.....	1,966.7	2,040.6	2,152.9	2,293.0
4	Agriculture, forestry, and fishing.....	130.0	128.0	127.2	135.8
5	Farms.....	88.3	80.6	74.3	79.0
6	Agricultural services, forestry, and fishing.....	41.7	47.4	53.0	56.7
7	Mining.....	118.9	100.2	103.3	127.1
8	Metal mining.....	5.6	5.4	5.0	4.9
9	Coal mining.....	10.6	10.7	10.6	10.1
10	Oil and gas extraction.....	91.9	72.8	76.2	99.5
11	Nonmetallic minerals, except fuels.....	10.8	11.3	11.5	12.6
12	Construction.....	338.2	380.8	425.5	463.6
13	Manufacturing.....	1,379.6	1,431.5	1,496.8	1,566.6
14	Durable goods.....	791.2	830.7	865.7	901.7
15	Lumber and wood products.....	41.2	41.9	46.3	44.4
16	Furniture and fixtures.....	22.7	24.3	26.0	26.7
17	Stone, clay, and glass products.....	37.2	38.7	42.5	43.9
18	Primary metal industries.....	52.6	53.1	50.2	52.9
19	Fabricated metal products.....	97.6	101.7	107.6	108.7
20	Industrial machinery and equipment.....	143.2	158.6	157.3	167.6
21	Electronic and other electric equipment.....	165.9	159.2	165.5	181.2
22	Motor vehicles and equipment.....	96.5	111.5	118.9	120.2
23	Other transportation equipment.....	55.5	58.4	64.5	62.7
24	Instruments and related products.....	53.6	57.5	58.8	64.2
25	Miscellaneous manufacturing industries.....	25.2	25.9	28.3	29.1
26	Nondurable goods.....	588.4	600.8	631.0	664.8
27	Food and kindred products.....	123.1	121.8	132.9	137.0
28	Tobacco products.....	15.4	17.3	18.9	22.3
29	Textile mill products.....	25.7	25.8	25.5	24.7
30	Apparel and other textile products.....	26.5	26.0	24.3	23.6
31	Paper and allied products.....	53.8	55.7	58.0	59.9
32	Printing and publishing.....	91.1	95.6	102.7	105.5
33	Chemicals and allied products.....	164.8	164.8	175.1	191.1
34	Petroleum and coal products.....	31.4	32.9	30.4	36.5
35	Rubber and miscellaneous plastics products.....	52.1	56.8	59.3	60.2
36	Leather and leather products.....	4.3	4.1	3.9	4.0
37	Private services-producing industries.....	5,257.1	5,668.6	6,036.7	6,493.9
38	Transportation and public utilities.....	688.4	732.0	776.8	825.0
39	Transportation.....	261.8	288.7	302.7	313.9
40	Railroad transportation.....	23.0	24.3	23.2	22.9
41	Local and interurban passenger transit.....	14.9	16.8	17.6	18.7
42	Trucking and warehousing.....	99.4	114.1	122.0	126.0
43	Water transportation.....	13.1	13.6	13.7	14.8
44	Transportation by air.....	78.6	85.8	90.2	93.0
45	Pipelines, except natural gas.....	5.8	6.1	6.1	6.2
46	Transportation services.....	27.1	28.0	29.9	32.3
47	Communications.....	220.8	238.5	258.5	281.1
48	Telephone and telegraph.....	166.7	179.4	196.4	208.9
49	Radio and television.....	54.1	59.1	62.1	72.2
50	Electric, gas, and sanitary services.....	205.9	204.8	215.6	230.0
51	Wholesale trade.....	566.8	607.9	633.5	674.1
52	Retail trade.....	740.5	790.4	834.9	893.9
53	Finance, insurance, and real estate.....	1,569.9	1,708.5	1,810.6	1,936.2
54	Depository institutions.....	273.9	300.0	325.6	366.5
55	Nondepository institutions.....	49.9	52.8	53.7	59.0
56	Security and commodity brokers.....	120.8	143.9	138.8	144.2
57	Insurance carriers.....	146.1	150.2	158.3	167.7
58	Insurance agents, brokers, and service.....	51.3	56.4	65.4	67.3
59	Real estate.....	920.1	981.6	1,051.2	1,116.3
60	Nonfarm housing services.....	679.1	718.7	764.4	810.5
61	Other real estate.....	241.0	262.9	286.8	305.8
62	Holding and other investment offices.....	7.7	23.4	17.6	15.4
63	Services.....	1,691.5	1,691.5	1,837.1	1,986.9
64	Hotels and other lodging places.....	70.5	73.5	80.4	86.5
65	Personal services.....	51.0	57.0	57.4	60.4
66	Business services.....	395.5	439.8	502.6	571.7
67	Auto repair, services, and parking.....	72.8	81.0	88.1	93.9
68	Miscellaneous repair services.....	22.3	24.4	25.2	26.7
69	Motion pictures.....	26.3	29.1	32.0	34.9
70	Amusement and recreation services.....	64.9	70.1	75.1	80.8
71	Health services.....	472.2	491.1	516.3	546.8
72	Legal services.....	109.0	116.7	123.0	133.5
73	Educational services.....	61.2	67.5	72.1	78.6
74	Social services.....	52.6	57.6	61.8	67.5
75	Membership organizations.....	51.6	53.6	58.3	63.5
76	Other services.....	229.7	254.5	275.9	306.2
77	Private households.....	12.0	14.0	12.7	13.6
78	Statistical discrepancy ¹	29.7	-31.0	-72.7	-130.4
79	Government.....	1,064.8	1,103.3	1,151.7	1,216.4
80	Federal.....	354.7	359.9	369.7	387.0
81	General government.....	295.4	298.6	308.1	323.8
82	Government enterprises.....	59.2	61.3	61.6	63.2
83	State and local.....	710.1	743.4	782.0	829.5
84	General government.....	649.2	681.2	716.6	760.4
85	Government enterprises.....	60.9	62.2	65.4	69.1

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 2.—Gross Domestic Product by Industry in Current Dollars as a Percentage of Gross Domestic Product, 1997–2000

[Percent]

Line		1997	1998	1999	2000
1	Gross domestic product.....	100.0	100.0	100.0	100.0
2	Private industries.....	87.2	87.4	87.6	87.7
3	Private goods-producing industries.....	23.6	23.2	23.2	23.2
4	Agriculture, forestry, and fishing.....	1.6	1.5	1.4	1.4
5	Farms.....	1.1	0.9	0.8	0.8
6	Agricultural services, forestry, and fishing.....	0.5	0.5	0.6	0.6
7	Mining.....	1.4	1.1	1.1	1.3
8	Metal mining.....	0.1	0.1	0.1	0.0
9	Coal mining.....	0.1	0.1	0.1	0.1
10	Oil and gas extraction.....	1.1	0.8	0.8	1.0
11	Nonmetallic minerals, except fuels.....	0.1	0.1	0.1	0.1
12	Construction.....	4.1	4.3	4.6	4.7
13	Manufacturing.....	16.6	16.3	16.1	15.9
14	Durable goods.....	9.5	9.5	9.3	9.1
15	Lumber and wood products.....	0.5	0.5	0.5	0.5
16	Furniture and fixtures.....	0.3	0.3	0.3	0.3
17	Stone, clay, and glass products.....	0.4	0.4	0.5	0.4
18	Primary metal industries.....	0.6	0.6	0.5	0.5
19	Fabricated metal products.....	1.2	1.2	1.2	1.1
20	Industrial machinery and equipment.....	1.7	1.8	1.7	1.7
21	Electronic and other electric equipment.....	2.0	1.8	1.8	1.8
22	Motor vehicles and equipment.....	1.2	1.3	1.3	1.2
23	Other transportation equipment.....	0.7	0.7	0.7	0.6
24	Instruments and related products.....	0.6	0.7	0.6	0.7
25	Miscellaneous manufacturing industries.....	0.3	0.3	0.3	0.3
26	Nondurable goods.....	7.1	6.8	6.8	6.7
27	Food and kindred products.....	1.5	1.4	1.4	1.4
28	Tobacco products.....	0.2	0.2	0.2	0.2
29	Textile mill products.....	0.3	0.3	0.3	0.3
30	Apparel and other textile products.....	0.3	0.3	0.3	0.2
31	Paper and allied products.....	0.6	0.6	0.6	0.6
32	Printing and publishing.....	1.1	1.1	1.1	1.1
33	Chemicals and allied products.....	2.0	1.9	1.9	1.9
34	Petroleum and coal products.....	0.4	0.4	0.3	0.4
35	Rubber and miscellaneous plastics products.....	0.6	0.6	0.6	0.6
36	Leather and leather products.....	0.1	0.0	0.0	0.0
37	Private services-producing industries.....	63.2	64.6	65.1	65.8
38	Transportation and public utilities.....	8.3	8.3	8.4	8.4
39	Transportation.....	3.1	3.3	3.3	3.2
40	Railroad transportation.....	0.3	0.3	0.3	0.2
41	Local and interurban passenger transit.....	0.2	0.2	0.2	0.2
42	Trucking and warehousing.....	1.2	1.3	1.3	1.3
43	Water transportation.....	0.2	0.2	0.1	0.2
44	Transportation by air.....	0.9	1.0	1.0	0.9
45	Pipelines, except natural gas.....	0.1	0.1	0.1	0.1
46	Transportation services.....	0.3	0.3	0.3	0.3
47	Communications.....	2.7	2.7	2.8	2.8
48	Telephone and telegraph.....	2.0	2.0	2.1	2.1
49	Radio and television.....	0.6	0.7	0.7	0.7
50	Electric, gas, and sanitary services.....	2.5	2.3	2.3	2.3
51	Wholesale trade.....	6.8	6.9	6.8	6.8
52	Retail trade.....	8.9	9.0	9.0	9.1
53	Finance, insurance, and real estate.....	18.9	19.5	19.5	19.6
54	Depository institutions.....	3.3	3.4	3.5	3.7
55	Nondepository institutions.....	0.6	0.6	0.6	0.6
56	Security and commodity brokers.....	1.5	1.6	1.5	1.5
57	Insurance carriers.....	1.8	1.7	1.7	1.7
58	Insurance agents, brokers, and service.....	0.6	0.7	0.7	0.7
59	Real estate.....	11.1	11.2	11.3	11.3
60	Nonfarm housing services.....	8.2	8.2	8.2	8.2
61	Other real estate.....	2.9	3.0	3.1	3.1
62	Holding and other investment offices.....	0.1	0.2	0.2	0.2
63	Services.....	20.3	20.8	21.4	21.9
64	Hotels and other lodging places.....	0.8	0.8	0.9	0.9
65	Personal services.....	0.6	0.6	0.6	0.6
66	Business services.....	4.8	5.0	5.4	5.8
67	Auto repair, services, and parking.....	0.9	0.9	1.0	1.0
68	Miscellaneous repair services.....	0.3	0.3	0.3	0.3
69	Motion pictures.....	0.3	0.3	0.3	0.4
70	Amusement and recreation services.....	0.8	0.8	0.8	0.8
71	Health services.....	5.7	5.6	5.6	5.5
72	Legal services.....	1.3	1.3	1.3	1.4
73	Educational services.....	0.7	0.8	0.8	0.8
74	Social services.....	0.6	0.7	0.7	0.7
75	Membership organizations.....	0.6	0.6	0.6	0.6
76	Other services.....	2.8	2.9	3.0	3.1
77	Private households.....	0.1	0.2	0.1	0.1
78	Statistical discrepancy ¹	0.4	-0.4	-0.8	-1.3
79	Government.....	12.8	12.6	12.4	12.3
80	Federal.....	4.3	4.1	4.0	3.9
81	General government.....	3.6	3.4	3.3	3.3
82	Government enterprises.....	0.7	0.7	0.7	0.6
83	State and local.....	8.5	8.5	8.4	8.4
84	General government.....	7.8	7.8	7.7	7.7
85	Government enterprises.....	0.7	0.7	0.7	0.7

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 3.—Components of Gross Domestic Product
by Industry Group in Current Dollars,
1997–2000
[Billions of dollars]

Line		1997	1998	1999	2000
1	Gross domestic product	8,318.4	8,781.5	9,268.6	9,872.9
2	Compensation of employees.....	4,656.2	4,994.6	5,315.8	5,720.4
3	Indirect business tax and nontax liability.....	646.2	681.3	713.1	762.7
4	Property-type income.....	2,986.3	3,136.6	3,312.4	3,520.2
5	Statistical discrepancy ¹	29.7	-31.0	-72.7	-130.4
6	Private industries	7,253.6	7,678.2	8,116.9	8,656.5
7	Compensation of employees.....	3,773.5	4,079.6	4,361.7	4,711.4
8	Indirect business tax and nontax liability.....	646.2	681.3	713.1	762.7
9	Property-type income.....	2,804.1	2,948.3	3,114.8	3,312.8
10	Statistical discrepancy ¹	29.7	-31.0	-72.7	-130.4
11	Private goods-producing industries	1,966.7	2,040.6	2,152.9	2,293.0
12	Compensation of employees.....	1,151.4	1,224.8	1,283.3	1,365.6
13	Indirect business tax and nontax liability.....	77.2	81.0	84.6	95.6
14	Property-type income.....	738.1	734.8	785.0	831.9
15	Agriculture, forestry and fishing	130.0	128.0	127.2	135.7
16	Compensation of employees.....	42.9	46.4	49.8	51.6
17	Indirect business tax and nontax liability.....	7.0	6.9	7.4	7.5
18	Property-type income.....	80.2	74.7	70.1	76.6
19	Mining	118.9	100.2	103.3	127.1
20	Compensation of employees.....	35.2	35.8	34.3	36.4
21	Indirect business tax and nontax liability.....	12.1	11.7	11.7	13.7
22	Property-type income.....	71.6	52.8	57.3	76.9
23	Construction	338.2	380.8	425.5	463.6
24	Compensation of employees.....	220.9	246.2	272.9	298.2
25	Indirect business tax and nontax liability.....	7.9	8.6	9.2	9.8
26	Property-type income.....	109.4	126.0	143.5	155.7
27	Manufacturing	1,379.6	1,431.5	1,496.8	1,566.6
28	Compensation of employees.....	852.4	896.4	926.3	979.4
29	Indirect business tax and nontax liability.....	50.3	53.7	56.3	64.5
30	Property-type income.....	477.0	481.3	514.2	522.7
31	Durable goods.....	791.2	830.7	865.7	901.7
32	Compensation of employees.....	529.9	562.8	586.0	625.2
33	Indirect business tax and nontax liability.....	19.3	20.1	21.6	22.7
34	Property-type income.....	241.9	247.8	258.2	253.8
35	Nondurable goods.....	588.4	600.8	631.0	664.8
36	Compensation of employees.....	322.4	333.7	340.3	354.2
37	Indirect business tax and nontax liability.....	30.9	33.6	34.7	41.8
38	Property-type income.....	235.0	233.5	256.0	268.9
39	Private services-producing industries	5,257.1	5,668.6	6,036.7	6,493.9
40	Compensation of employees.....	2,622.1	2,854.8	3,078.4	3,345.9
41	Indirect business tax and nontax liability.....	569.0	600.3	628.5	667.1
42	Property-type income.....	2,066.0	2,213.5	2,329.8	2,480.9
43	Transportation and public utilities	688.4	732.0	776.8	825.0
44	Compensation of employees.....	299.4	321.9	349.8	374.3
45	Indirect business tax and nontax liability.....	68.5	73.9	76.9	81.0
46	Property-type income.....	320.5	336.2	350.0	369.7
47	Wholesale trade	566.8	607.9	633.5	674.1
48	Compensation of employees.....	307.5	335.8	359.6	385.6
49	Indirect business tax and nontax liability.....	122.0	126.5	130.9	138.9
50	Property-type income.....	137.4	145.6	143.1	149.7
51	Retail trade	740.5	790.4	834.9	893.9
52	Compensation of employees.....	426.0	448.7	478.4	510.4
53	Indirect business tax and nontax liability.....	133.9	141.5	150.3	162.0
54	Property-type income.....	180.6	200.2	206.1	221.4
55	Finance, insurance and real estate	1,569.9	1,708.5	1,810.6	1,936.2
56	Compensation of employees.....	377.6	427.1	458.7	498.3
57	Indirect business tax and nontax liability.....	194.1	203.6	211.4	222.2
58	Property-type income.....	998.2	1,077.8	1,140.4	1,215.8
59	Services	1,691.5	1,829.9	1,980.9	2,164.6
60	Compensation of employees.....	1,211.7	1,321.4	1,431.8	1,577.3
61	Indirect business tax and nontax liability.....	50.6	54.8	59.0	63.0
62	Property-type income.....	429.2	453.8	490.1	524.3
63	Government	1,064.8	1,103.3	1,151.7	1,216.4
64	Compensation of employees.....	882.6	915.1	954.1	1,009.0
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	182.2	188.3	197.6	207.5

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 4.—Components of Gross Domestic Product
by Industry Group in Current Dollars as a
Percentage of Gross Domestic Product, 1997–2000
[Percent]

Line		1997	1998	1999	2000
1	Gross domestic product	100.0	100.0	100.0	100.0
2	Compensation of employees.....	56.0	56.9	57.4	57.9
3	Indirect business tax and nontax liability.....	7.8	7.8	7.7	7.7
4	Property-type income.....	35.9	35.7	35.7	35.7
5	Statistical discrepancy ¹	0.4	-0.4	-0.8	-1.3
6	Private industries	100.0	100.0	100.0	100.0
7	Compensation of employees.....	52.0	53.1	53.7	54.4
8	Indirect business tax and nontax liability.....	8.9	8.9	8.8	8.8
9	Property-type income.....	38.7	38.4	38.4	38.3
10	Statistical discrepancy ¹	0.4	-0.4	-0.9	-1.5
11	Private goods-producing industries	100.0	100.0	100.0	100.0
12	Compensation of employees.....	58.5	60.0	59.6	59.6
13	Indirect business tax and nontax liability.....	3.9	4.0	3.9	4.2
14	Property-type income.....	37.5	36.0	36.5	36.3
15	Agriculture, forestry and fishing	100.0	100.0	100.0	100.0
16	Compensation of employees.....	33.0	36.2	39.1	38.0
17	Indirect business tax and nontax liability.....	5.4	5.4	5.8	5.5
18	Property-type income.....	61.7	58.4	55.1	56.4
19	Mining	100.0	100.0	100.0	100.0
20	Compensation of employees.....	29.6	35.7	33.2	28.7
21	Indirect business tax and nontax liability.....	10.2	11.7	11.4	10.8
22	Property-type income.....	60.2	52.6	55.4	60.5
23	Construction	100.0	100.0	100.0	100.0
24	Compensation of employees.....	65.3	64.6	64.1	64.3
25	Indirect business tax and nontax liability.....	2.3	2.3	2.2	2.1
26	Property-type income.....	32.4	33.1	33.7	33.6
27	Manufacturing	100.0	100.0	100.0	100.0
28	Compensation of employees.....	61.8	62.6	61.9	62.5
29	Indirect business tax and nontax liability.....	3.6	3.8	3.8	4.1
30	Property-type income.....	34.6	33.6	34.4	33.4
31	Durable goods.....	100.0	100.0	100.0	100.0
32	Compensation of employees.....	67.0	67.7	67.7	69.3
33	Indirect business tax and nontax liability.....	2.4	2.4	2.5	2.5
34	Property-type income.....	30.6	29.8	29.8	28.1
35	Nondurable goods.....	100.0	100.0	100.0	100.0
36	Compensation of employees.....	54.8	55.5	53.9	53.3
37	Indirect business tax and nontax liability.....	5.3	5.6	5.5	6.3
38	Property-type income.....	39.9	38.9	40.6	40.4
39	Private services-producing industries	100.0	100.0	100.0	100.0
40	Compensation of employees.....	49.9	50.4	51.0	51.5
41	Indirect business tax and nontax liability.....	10.8	10.6	10.4	10.3
42	Property-type income.....	39.3	39.0	38.6	38.2
43	Transportation and public utilities	100.0	100.0	100.0	100.0
44	Compensation of employees.....	43.5	44.0	45.0	45.4
45	Indirect business tax and nontax liability.....	9.9	10.1	9.9	9.8
46	Property-type income.....	46.6	45.9	45.1	44.8
47	Wholesale trade	100.0	100.0	100.0	100.0
48	Compensation of employees.....	54.2	55.2	56.8	57.2
49	Indirect business tax and nontax liability.....	21.5	20.8	20.7	20.6
50	Property-type income.....	24.2	23.9	22.6	22.2
51	Retail trade	100.0	100.0	100.0	100.0
52	Compensation of employees.....	57.5	56.8	57.3	57.1
53	Indirect business tax and nontax liability.....	18.1	17.9	18.0	18.1
54	Property-type income.....	24.4	25.3	24.7	24.8
55	Finance, insurance and real estate	100.0	100.0	100.0	100.0
56	Compensation of employees.....	24.0	25.0	25.3	25.7
57	Indirect business tax and nontax liability.....	12.4	11.9	11.7	11.5
58	Property-type income.....	63.6	63.1	63.0	62.8
59	Services	100.0	100.0	100.0	100.0
60	Compensation of employees.....	71.6	72.2	72.3	72.9
61	Indirect business tax and nontax liability.....	3.0	3.0	3.0	2.9
62	Property-type income.....	25.4	24.8	24.7	24.2
63	Government	100.0	100.0	100.0	100.0
64	Compensation of employees.....	82.9	82.9	82.8	82.9
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	17.1	17.1	17.2	17.1

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 5.—Chain-Type Quantity Indexes for Gross Domestic Product by Industry, 1997–2000
[1996=100]

Line		1997	1998	1999	2000
1	Gross domestic product.....	104.43	108.91	113.35	118.06
2	Private industries.....	105.28	110.27	115.60	120.39
3	Private goods-producing industries.....	105.12	109.77	115.68	119.08
4	Agriculture, forestry, and fishing.....	110.13	111.51	117.60	127.47
5	Farms.....	112.37	108.77	114.98	130.73
6	Agricultural services, forestry, and fishing.....	105.33	116.15	122.05	123.78
7	Mining.....	103.48	105.92	99.06	84.18
8	Metal mining.....	107.18	131.82	139.67	127.39
9	Coal mining.....	100.02	106.74	121.01	120.70
10	Oil and gas extraction.....	103.49	103.79	92.65	73.67
11	Nonmetallic minerals, except fuels.....	105.05	109.75	109.67	124.80
12	Construction.....	102.58	110.26	116.92	119.86
13	Manufacturing.....	105.41	109.75	116.41	121.17
14	Durable goods.....	108.62	119.30	128.95	138.16
15	Lumber and wood products.....	99.03	100.44	107.63	110.54
16	Furniture and fixtures.....	106.91	110.67	115.33	117.94
17	Stone, clay, and glass products.....	110.48	110.37	115.68	119.73
18	Primary metal industries.....	103.56	107.16	112.59	112.89
19	Fabricated metal products.....	103.25	103.61	105.65	106.97
20	Industrial machinery and equipment.....	116.19	143.69	157.31	173.16
21	Electronic and other electric equipment.....	118.93	137.65	166.98	213.90
22	Motor vehicles and equipment.....	105.24	121.02	124.40	126.71
23	Other transportation equipment.....	106.55	110.15	118.95	107.31
24	Instruments and related products.....	92.59	91.24	89.59	89.55
25	Miscellaneous manufacturing industries.....	104.56	104.66	113.22	116.71
26	Nondurable goods.....	101.25	97.87	101.12	101.12
27	Food and kindred products.....	99.50	94.43	98.88	99.58
28	Tobacco products.....	93.78	80.59	42.79	41.81
29	Textile mill products.....	98.49	95.25	93.15	95.23
30	Apparel and other textile products.....	98.16	93.60	83.73	83.28
31	Paper and allied products.....	104.27	100.48	102.60	89.38
32	Printing and publishing.....	97.90	96.97	99.79	98.18
33	Chemicals and allied products.....	106.89	101.02	109.81	119.88
34	Petroleum and coal products.....	84.78	87.59	113.93	84.44
35	Rubber and miscellaneous plastics products.....	107.12	112.01	117.14	120.45
36	Leather and leather products.....	101.13	91.72	87.85	92.52
37	Private services-producing industries.....	105.45	111.81	117.77	124.17
38	Transportation and public utilities.....	100.36	102.51	110.63	117.29
39	Transportation.....	102.27	105.97	110.34	115.48
40	Railroad transportation.....	97.27	97.27	96.16	98.98
41	Local and interurban passenger transit.....	109.68	115.54	123.79	135.84
42	Trucking and warehousing.....	98.29	103.69	108.96	114.74
43	Water transportation.....	108.45	108.03	97.03	96.43
44	Transportation by air.....	106.16	108.46	114.26	120.03
45	Pipelines, except natural gas.....	108.49	111.33	111.86	113.01
46	Transportation services.....	102.65	107.94	115.85	118.89
47	Communications.....	101.42	107.71	119.46	132.24
48	Telephone and telegraph.....	102.43	110.62	126.89	141.81
49	Radio and television.....	98.32	99.17	99.05	106.55
50	Electric, gas, and sanitary services.....	97.01	93.03	102.24	104.64
51	Wholesale trade.....	110.30	125.25	130.07	133.77
52	Retail trade.....	108.48	116.43	122.79	131.82
53	Finance, insurance, and real estate.....	105.85	112.90	119.26	125.94
54	Depository institutions.....	102.11	106.41	111.24	119.58
55	Nondepository institutions.....	136.62	146.15	154.45	170.17
56	Security and commodity brokers.....	118.82	151.02	194.35	269.09
57	Insurance carriers.....	109.86	109.48	109.57	106.23
58	Insurance agents, brokers, and service.....	100.07	106.01	120.42	122.95
59	Real estate.....	103.68	108.40	113.15	116.83
60	Nonfarm housing services.....	101.00	103.45	107.14	110.16
61	Other real estate.....	111.94	123.89	132.07	137.91
62	Holding and other investment offices.....	125.90	331.94	228.52	159.07
63	Services.....	104.35	108.61	113.46	119.24
64	Hotels and other lodging places.....	97.69	95.49	97.81	101.65
65	Personal services.....	103.49	113.10	110.76	112.63
66	Business services.....	112.19	119.98	132.17	143.41
67	Auto repair, services, and parking.....	101.92	109.63	117.70	122.30
68	Miscellaneous repair services.....	96.66	99.07	92.34	89.79
69	Motion pictures.....	104.52	114.62	118.56	121.61
70	Amusement and recreation services.....	107.90	111.59	117.21	119.25
71	Health services.....	100.08	100.39	102.50	105.73
72	Legal services.....	106.44	109.56	112.66	117.97
73	Educational services.....	101.13	105.32	107.49	111.28
74	Social services.....	101.66	105.26	107.94	111.61
75	Membership organizations.....	99.57	98.21	98.29	100.94
76	Other services.....	105.88	114.21	119.99	128.91
77	Private households.....	97.71	110.40	97.57	99.69
78	Government.....	101.48	102.64	103.95	106.37
79	Federal.....	100.10	100.19	99.90	101.76
80	General government.....	98.60	98.02	97.89	99.35
81	Government enterprises.....	108.22	112.00	110.83	114.97
82	State and local.....	102.19	103.89	106.01	108.71
83	General government.....	102.05	104.18	105.98	108.49
84	Government enterprises.....	103.65	100.71	106.37	111.18

Table 5.A.—Percent Changes in Chain-Type Quantity Indexes for Gross Domestic Product by Industry

Line		1998	1999	2000	Average annual rate of change 1997–2000
1	Gross domestic product.....	4.3	4.1	4.1	4.2
2	Private industries.....	4.7	4.8	4.1	4.6
3	Private goods-producing industries.....	4.4	5.4	2.9	4.2
4	Agriculture, forestry, and fishing.....	1.3	5.5	8.4	5.0
5	Farms.....	-3.2	5.7	13.7	5.2
6	Agricultural services, forestry, and fishing.....	10.3	5.1	1.4	5.5
7	Mining.....	2.4	-6.5	-15.0	-6.6
8	Metal mining.....	23.0	6.0	-8.8	5.9
9	Coal mining.....	6.7	13.4	-0.3	6.5
10	Oil and gas extraction.....	0.3	-10.7	-20.5	-10.7
11	Nonmetallic minerals, except fuels.....	4.5	-0.1	13.8	5.9
12	Construction.....	7.5	6.0	2.5	5.3
13	Manufacturing.....	4.1	6.1	4.1	4.8
14	Durable goods.....	9.8	8.1	7.1	8.3
15	Lumber and wood products.....	1.4	7.2	2.7	3.7
16	Furniture and fixtures.....	3.5	4.2	2.3	3.3
17	Stone, clay, and glass products.....	-0.1	4.8	3.5	2.7
18	Primary metal industries.....	3.5	5.1	0.3	2.9
19	Fabricated metal products.....	0.4	2.0	1.2	1.2
20	Industrial machinery and equipment.....	23.7	9.5	10.1	14.2
21	Electronic and other electric equipment.....	15.7	21.3	28.1	21.6
22	Motor vehicles and equipment.....	15.0	2.8	1.9	6.4
23	Other transportation equipment.....	3.4	8.0	-9.8	0.2
24	Instruments and related products.....	-1.5	-1.8	-0.0	-1.1
25	Miscellaneous manufacturing industries.....	0.1	8.2	3.1	3.7
26	Nondurable goods.....	-3.3	3.3	-0.0	-0.0
27	Food and kindred products.....	-5.1	4.7	0.7	0.0
28	Tobacco products.....	-14.1	-46.9	-2.3	-23.6
29	Textile mill products.....	-3.3	-2.2	2.2	-1.1
30	Apparel and other textile products.....	-4.6	-10.5	-0.5	-5.3
31	Paper and allied products.....	-3.6	2.1	-12.9	-5.0
32	Printing and publishing.....	-1.0	2.9	-1.6	0.1
33	Chemicals and allied products.....	-5.5	8.7	9.2	3.9
34	Petroleum and coal products.....	3.3	30.1	-25.9	-0.1
35	Rubber and miscellaneous plastics products.....	4.6	4.6	2.8	4.0
36	Leather and leather products.....	-9.3	-4.2	5.3	-2.9
37	Private services-producing industries.....	6.0	5.3	5.4	5.6
38	Transportation and public utilities.....	2.1	7.9	6.0	5.3
39	Transportation.....	3.6	4.1	4.7	4.1
40	Railroad transportation.....	-0.0	-1.1	2.9	0.6
41	Local and interurban passenger transit.....	5.3	7.1	9.7	7.4
42	Trucking and warehousing.....	5.5	5.1	5.3	5.3
43	Water transportation.....	-0.4	-10.2	-0.6	-3.8
44	Transportation by air.....	2.2	5.3	5.1	4.2
45	Pipelines, except natural gas.....	2.6	0.5	1.0	1.4
46	Transportation services.....	5.2	7.3	2.6	5.0
47	Communications.....	6.2	10.9	10.7	9.2
48	Telephone and telegraph.....	8.0	14.7	11.8	11.5
49	Radio and television.....	0.9	-0.1	7.6	2.7
50	Electric, gas, and sanitary services.....	-4.1	9.9	2.3	2.6
51	Wholesale trade.....	13.6	3.8	2.8	6.6
52	Retail trade.....	7.3	5.5	7.3	6.7
53	Finance, insurance, and real estate.....	6.7	5.6	5.6	6.0
54	Depository institutions.....	4.2	4.5	7.5	5.4
55	Nondepository institutions.....	7.0	5.7	10.2	7.6
56	Security and commodity brokers.....	27.1	28.7	38.5	31.3
57	Insurance carriers.....	-0.3	0.1	-3.0	-1.1
58	Insurance agents, brokers, and service.....	5.9	13.6	2.1	7.1
59	Real estate.....	4.6	4.4	3.3	4.1
60	Nonfarm housing services.....	2.4	3.6	2.8	2.9
61	Other real estate.....	10.7	6.6	4.4	7.2
62	Holding and other investment offices.....	163.6	-31.2	-30.4	8.1
63	Services.....	4.1	4.5	5.1	4.5
64	Hotels and other lodging places.....	-2.3	2.4	3.9	1.3
65	Personal services.....	9.3	-2.1	1.7	2.9
66	Business services.....	6.9	10.2	8.5	8.5
67	Auto repair, services, and parking.....	7.6	7.4	3.9	6.3
68	Miscellaneous repair services.....	2.5	-6.8	-2.8	-2.4
69	Motion pictures.....	9.7	3.4	2.6	5.2
70	Amusement and recreation services.....	3.4	5.0	1.7	3.4
71	Health services.....	0.3	2.1	3.2	1.8
72	Legal services.....	2.9	2.8	4.7	3.5
73	Educational services.....	4.1	2.1	3.5	3.2
74	Social services.....	3.5	2.5	3.4	3.2
75	Membership organizations.....	-1.4	0.1	2.7	0.5
76	Other services.....	7.9	5.1	7.4	6.8
77	Private households.....	13.0	-11.6	2.2	0.7
78	Government.....	1.1	1.3	2.3	1.6
79	Federal.....	0.1	-0.3	1.9	0.5
80	General government.....	-0.6	-0.1	1.5	0.3
81	Government enterprises.....	3.5	-1.0	3.7	2.0
82	State and local.....	1.7	2.0	2.5	2.1
83	General government.....	2.1	1.7	2.4	2.1
84	Government enterprises.....	-2.8	5.6	4.5	2.4

Table 6.—Real Gross Domestic Product
by Industry, 1997–2000

[Billions of chained (1996) dollars]

Line		1997	1998	1999	2000
1	Gross domestic product.....	8,159.5	8,508.9	8,856.5	9,224.0
2	Private industries.....	7,151.2	7,490.6	7,852.7	8,177.6
3	Private goods-producing industries.....	1,971.9	2,059.2	2,170.1	2,233.8
4	Agriculture, forestry, and fishing.....	143.7	145.5	153.4	166.3
5	Farms.....	103.6	100.3	106.0	120.5
6	Agricultural services, forestry, and fishing.....	40.3	44.4	46.7	47.3
7	Mining.....	117.0	119.7	112.0	95.2
8	Metal mining.....	6.3	7.7	8.2	7.4
9	Coal mining.....	11.2	11.9	13.5	13.5
10	Oil and gas extraction.....	89.1	89.4	79.8	63.4
11	Nonmetallic minerals, except fuels.....	10.4	10.9	10.9	12.4
12	Construction.....	324.6	348.9	370.0	379.3
13	Manufacturing.....	1,387.2	1,444.3	1,532.1	1,594.6
14	Durable goods.....	813.0	892.9	965.1	1,034.1
15	Lumber and wood products.....	39.5	40.1	43.0	44.1
16	Furniture and fixtures.....	22.1	22.9	23.9	24.4
17	Stone, clay, and glass products.....	36.6	36.6	38.4	39.7
18	Primary metal industries.....	52.7	54.5	57.2	57.4
19	Fabricated metal products.....	96.2	96.5	98.4	99.6
20	Industrial machinery and equipment.....	158.4	195.8	214.4	236.0
21	Electronic and other electric equipment.....	182.2	210.8	255.8	327.7
22	Motor vehicles and equipment.....	97.1	111.6	114.7	116.9
23	Other transportation equipment.....	54.8	56.7	61.2	55.2
24	Instruments and related products.....	49.8	49.0	48.2	48.1
25	Miscellaneous manufacturing industries.....	24.8	24.9	26.9	27.7
26	Nondurable goods.....	574.7	555.5	574.0	574.0
27	Food and kindred products.....	118.1	112.1	117.3	118.2
28	Tobacco products.....	13.9	11.9	6.3	6.2
29	Textile mill products.....	25.0	24.1	23.6	24.1
30	Apparel and other textile products.....	26.5	25.2	22.6	22.5
31	Paper and allied products.....	58.3	56.2	57.3	50.0
32	Printing and publishing.....	86.4	85.6	88.1	86.6
33	Chemicals and allied products.....	164.2	155.2	168.7	184.2
34	Petroleum and coal products.....	25.6	26.4	34.4	25.5
35	Rubber and miscellaneous plastics products.....	53.2	55.6	58.2	59.8
36	Leather and leather products.....	4.2	3.8	3.7	3.9
37	Private services-producing industries.....	5,150.1	5,461.0	5,752.1	6,064.6
38	Transportation and public utilities.....	668.7	683.1	737.2	781.5
39	Transportation.....	248.9	257.9	268.6	281.1
40	Railroad transportation.....	22.8	22.8	22.5	23.2
41	Local and interurban passenger transit.....	14.7	15.5	16.6	18.2
42	Trucking and warehousing.....	90.5	95.5	100.3	105.7
43	Water transportation.....	13.2	13.2	11.8	11.7
44	Transportation by air.....	75.2	76.8	80.9	85.0
45	Pipelines, except natural gas.....	6.2	6.4	6.4	6.4
46	Transportation services.....	26.4	27.8	29.8	30.6
47	Communications.....	217.7	231.2	256.5	283.9
48	Telephone and telegraph.....	167.9	181.3	208.0	232.5
49	Radio and television.....	49.9	50.3	50.3	54.1
50	Electric, gas, and sanitary services.....	202.0	193.7	212.9	217.9
51	Wholesale trade.....	584.1	663.3	688.8	708.4
52	Retail trade.....	745.3	800.0	843.7	905.7
53	Finance, insurance, and real estate.....	1,520.8	1,622.1	1,713.5	1,809.5
54	Depository institutions.....	246.1	256.5	268.1	288.2
55	Nondepository institutions.....	53.6	57.3	60.6	66.8
56	Security and commodity brokers.....	128.4	163.2	210.0	290.7
57	Insurance carriers.....	135.5	135.1	135.2	131.1
58	Insurance agents, brokers, and service.....	48.9	51.8	58.9	60.1
59	Real estate.....	903.7	944.9	986.2	1,018.3
60	Nonfarm housing services.....	661.1	677.2	701.3	721.1
61	Other real estate.....	243.0	268.9	286.6	299.3
62	Holding and other investment offices.....	5.8	15.4	10.6	7.4
63	Services.....	1,632.2	1,699.0	1,774.8	1,865.2
64	Hotels and other lodging places.....	64.7	63.3	64.8	67.3
65	Personal services.....	49.2	53.7	52.6	53.5
66	Business services.....	384.1	410.7	452.5	490.9
67	Auto repair, services, and parking.....	69.8	75.1	80.6	83.7
68	Miscellaneous repair services.....	21.1	21.6	20.2	19.6
69	Motion pictures.....	25.8	28.2	29.2	30.0
70	Amusement and recreation services.....	62.9	65.1	68.3	69.5
71	Health services.....	459.5	460.9	470.5	485.4
72	Legal services.....	104.3	107.3	110.4	115.6
73	Educational services.....	58.7	61.1	62.4	64.6
74	Social services.....	50.5	52.3	53.7	55.5
75	Membership organizations.....	49.0	48.3	48.3	49.6
76	Other services.....	221.2	238.6	250.7	269.3
77	Private households.....	11.7	13.3	11.7	12.0
78	Statistical discrepancy ¹	29.2	-30.1	-69.9	-123.0
79	Government.....	1,035.5	1,047.3	1,060.7	1,085.4
80	Federal.....	347.2	347.6	346.5	353.0
81	General government.....	287.9	286.2	285.8	290.1
82	Government enterprises.....	59.4	61.5	60.8	63.1
83	State and local.....	688.3	699.7	714.0	732.2
84	General government.....	629.3	642.5	653.5	669.0
85	Government enterprises.....	58.9	57.3	60.5	63.2
86	Not allocated by industry ²	-33.3	-48.9	-110.6	-170.7

Table 7.—Chain-Type Price Indexes for Gross Domestic Product
by Industry, 1997–2000

[1996=100]

Line		1997	1998	1999	2000
1	Gross domestic product.....	101.95	103.20	104.65	107.04
2	Private industries.....	101.43	102.50	103.36	105.86
3	Private goods-producing industries.....	99.74	99.10	99.21	102.65
4	Agriculture, forestry, and fishing.....	90.50	88.00	82.94	81.64
5	Farms.....	85.20	80.35	70.07	65.55
6	Agricultural services, forestry, and fishing.....	103.61	106.76	113.43	119.85
7	Mining.....	101.67	83.73	92.26	133.55
8	Metal mining.....	89.62	69.73	61.30	65.92
9	Coal mining.....	94.89	89.81	78.44	74.54
10	Oil and gas extraction.....	103.10	81.51	95.53	156.88
11	Nonmetallic minerals, except fuels.....	104.04	104.04	105.71	101.95
12	Construction.....	104.18	109.15	115.02	122.25
13	Manufacturing.....	99.45	99.11	97.70	98.24
14	Durable goods.....	97.33	93.03	89.71	87.20
15	Lumber and wood products.....	104.16	104.49	107.69	100.71
16	Furniture and fixtures.....	102.63	106.06	108.71	109.27
17	Stone, clay, and glass products.....	101.56	105.73	110.83	110.53
18	Primary metal industries.....	99.84	97.50	87.64	92.19
19	Fabricated metal products.....	101.49	105.34	109.31	109.13
20	Industrial machinery and equipment.....	90.43	80.97	73.37	71.02
21	Electronic and other electric equipment.....	91.05	75.48	64.72	55.31
22	Motor vehicles and equipment.....	99.46	99.90	103.62	102.87
23	Other transportation equipment.....	101.33	103.02	105.36	113.59
24	Instruments and related products.....	107.65	117.33	122.06	133.40
25	Miscellaneous manufacturing industries.....	101.50	103.94	105.12	104.95
26	Nondurable goods.....	102.38	108.15	109.94	115.83
27	Food and kindred products.....	104.29	108.02	113.27	115.94
28	Tobacco products.....	111.06	145.23	298.10	360.31
29	Textile mill products.....	103.17	106.73	108.08	102.49
30	Apparel and other textile products.....	100.33	103.05	107.74	104.98
31	Paper and allied products.....	92.38	99.22	101.09	119.93
32	Printing and publishing.....	105.50	111.71	116.67	121.73
33	Chemicals and allied products.....	100.31	106.15	103.78	103.77
34	Petroleum and coal products.....	122.73	124.44	88.43	143.21
35	Rubber and miscellaneous plastics products.....	97.88	102.18	101.88	100.62
36	Leather and leather products.....	101.95	105.77	106.33	103.57
37	Private services-producing industries.....	102.08	103.80	104.95	107.08
38	Transportation and public utilities.....	102.94	107.17	105.37	105.56
39	Transportation.....	105.16	111.92	112.70	111.67
40	Railroad transportation.....	100.87	106.44	102.90	98.55
41	Local and interurban passenger transit.....	101.27	108.45	105.93	102.73
42	Trucking and warehousing.....	109.80	119.47	121.54	119.25
43	Water transportation.....	98.98	103.58	115.63	126.08
44	Transportation by air.....	104.51	111.67	111.54	109.39
45	Pipelines, except natural gas.....	92.93	95.88	95.57	95.69
46	Transportation services.....	102.44	100.82	100.33	105.62
47	Communications.....	101.39	103.15	100.81	99.02
48	Telephone and telegraph.....	99.29	98.95	94.44	89.86
49	Radio and television.....	108.33	117.40	123.51	133.57
50	Electric, gas, and sanitary services.....	101.92	105.73	101.24	105.56
51	Wholesale trade.....	97.04	91.65	91.98	95.17
52	Retail trade.....	99.35	98.80	98.96	98.69
53	Finance, insurance, and real estate.....	103.23	105.32	105.67	107.00
54	Depository institutions.....	111.31	116.99	121.43	127.16
55	Nondepository institutions.....	93.12	92.15	88.68	88.31
56	Security and commodity brokers.....	94.11	88.21	66.08	49.59
57	Insurance carriers.....	107.82	111.22	117.11	127.93
58	Insurance agents, brokers, and service.....	104.90	108.95	111.20	111.98
59	Real estate.....	101.81	103.89	106.59	109.62
60	Nonfarm housing services.....	102.72	106.13	109.00	112.40
61	Other real estate.....	99.18	97.77	100.05	102.16
62	Holding and other investment offices.....	132.67	152.21	166.00	209.31
63	Services.....	103.63	107.71	111.61	116.06
64	Hotels and other lodging places.....	108.88	116.19	124.11	128.43
65	Personal services.....	103.75	106.08	109.04	112.84
66	Business services.....	102.98	107.07	111.09	116.46
67	Auto repair, services, and parking.....	104.28	107.93	109.25	112.17
68	Miscellaneous repair services.....	105.50	112.88	124.86	135.89
69	Motion pictures.....	102.16	103.14	109.42	116.59
70	Amusement and recreation services.....	103.17	107.79	109.88	116.20
71	Health services.....	102.77	106.55	109.73	112.65
72	Legal services.....	104.53	108.71	111.49	115.55
73	Educational services.....	104.23	110.50	115.60	121.63
74	Social services.....	104.06	110.18	115.21	121.73
75	Membership organizations.....	105.38	111.00	120.59	127.97
76	Other services.....	103.85	106.65	110.05	113.71
77	Private households.....	102.57	105.44	108.50	113.36
78	Government.....	102.83	105.35	108.58	112.07
79	Federal.....	102.14	103.55	106.69	109.63
80	General government.....	102.61	104.30	107.79	111.62
81	Government enterprises.....	99.72	99.79	101.30	100.10
82	State and local.....	103.18	106.25	109.53	113.29
83	General government.....	103.16	106.04	109.66	113.66
84	Government enterprises.....	103.38	108.65	108.17	109.24

1. Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

2. Equals gross domestic product (GDP) less the statistical discrepancy and the sum of GDP by industry of the detailed industries. The value of not allocated by industry reflects the nonadditivity of chained-dollar estimates and the differences in source data used to estimate real GDP by industry and the expenditures measure of real GDP.

Table 7.A.—Percent Changes in Chain-Type Price Indexes for Gross Domestic Product by Industry

Line		1998	1999	2000	Average annual rate of change 1997–2000
1	Gross domestic product.....	1.2	1.4	2.3	1.6
2	Private industries.....	1.1	0.8	2.4	1.4
3	Private goods-producing industries.....	-0.6	0.1	3.5	1.0
4	Agriculture, forestry, and fishing.....	-2.8	-5.8	-1.6	-3.4
5	Farms.....	-5.7	-12.8	-6.5	-8.4
6	Agricultural services, forestry, and fishing.....	3.0	6.2	5.7	5.0
7	Mining.....	-17.6	10.2	44.8	9.5
8	Metal mining.....	-22.2	-12.1	7.5	-9.7
9	Coal mining.....	-5.3	-12.7	-5.0	-7.7
10	Oil and gas extraction.....	-20.9	17.2	64.2	15.0
11	Nonmetallic minerals, except fuels.....	0.0	1.6	-3.6	-0.7
12	Construction.....	4.8	5.4	6.3	5.5
13	Manufacturing.....	-0.3	-1.4	0.6	-0.4
14	Durable goods.....	-4.4	-3.6	-2.8	-3.6
15	Lumber and wood products.....	0.3	3.1	-6.5	-1.1
16	Furniture and fixtures.....	3.3	2.5	0.5	2.1
17	Stone, clay, and glass products.....	4.1	4.8	-0.3	2.9
18	Primary metal industries.....	-2.3	-10.1	5.2	-2.6
19	Fabricated metal products.....	3.8	3.8	-0.2	2.4
20	Industrial machinery and equipment.....	-10.5	-9.4	-3.2	-7.7
21	Electronic and other electric equipment.....	-17.1	-14.3	-14.5	-15.3
22	Motor vehicles and equipment.....	0.4	3.7	-0.7	1.1
23	Other transportation equipment.....	1.7	2.3	7.8	3.9
24	Instruments and related products.....	9.0	4.0	9.3	7.4
25	Miscellaneous manufacturing industries.....	2.4	1.1	-0.2	1.1
26	Nondurable goods.....	5.6	1.7	5.4	4.2
27	Food and kindred products.....	4.2	4.2	2.4	3.6
28	Tobacco products.....	30.8	105.3	20.9	48.0
29	Textile mill products.....	3.4	1.3	-5.2	-0.2
30	Apparel and other textile products.....	2.7	4.6	-2.6	1.5
31	Paper and allied products.....	7.4	1.9	18.6	9.1
32	Printing and publishing.....	5.9	4.4	4.3	4.9
33	Chemicals and allied products.....	5.8	-2.2	-0.0	1.1
34	Petroleum and coal products.....	1.4	-28.9	61.9	5.3
35	Rubber and miscellaneous plastics products.....	4.4	-0.3	-1.2	0.9
36	Leather and leather products.....	3.7	0.5	-2.6	0.5
37	Private services-producing industries.....	1.7	1.1	2.0	1.6
38	Transportation and public utilities.....	4.1	-1.7	0.2	0.8
39	Transportation.....	6.4	0.7	-0.9	2.0
40	Railroad transportation.....	5.5	-3.3	-4.2	-0.8
41	Local and interurban passenger transit.....	7.1	-2.3	-3.0	0.5
42	Trucking and warehousing.....	8.8	1.7	-1.9	2.8
43	Water transportation.....	4.6	11.6	9.0	8.4
44	Transportation by air.....	6.9	-0.1	-1.9	1.5
45	Pipelines, except natural gas.....	3.2	-0.3	0.1	1.0
46	Transportation services.....	-1.6	-0.5	5.3	1.0
47	Communications.....	1.7	-2.3	-1.8	-0.8
48	Telephone and telegraph.....	-0.3	-4.6	-4.9	-3.3
49	Radio and television.....	8.4	5.2	8.1	7.2
50	Electric, gas, and sanitary services.....	3.7	-4.2	4.3	1.2
51	Wholesale trade.....	-5.6	0.4	3.5	-0.6
52	Retail trade.....	-0.6	0.2	-0.3	-0.2
53	Finance, insurance, and real estate.....	2.0	0.3	1.3	1.2
54	Depository institutions.....	5.1	3.8	4.7	4.5
55	Nondepository institutions.....	-1.0	-3.8	-0.4	-1.8
56	Security and commodity brokers.....	-6.3	-25.1	-25.0	-19.2
57	Insurance carriers.....	3.2	5.3	9.2	5.9
58	Insurance agents, brokers, and service.....	3.9	2.1	0.7	2.2
59	Real estate.....	2.0	2.6	2.8	2.5
60	Nonfarm housing services.....	3.3	2.7	3.1	3.0
61	Other real estate.....	-1.4	2.3	2.1	1.0
62	Holding and other investment offices.....	14.7	9.1	26.1	16.4
63	Services.....	3.9	3.6	4.0	3.8
64	Hotels and other lodging places.....	6.7	6.8	3.5	5.7
65	Personal services.....	2.2	2.8	3.5	2.8
66	Business services.....	4.0	3.8	4.8	4.2
67	Auto repair, services, and parking.....	3.5	1.2	2.7	2.5
68	Miscellaneous repair services.....	7.0	10.6	8.8	8.8
69	Motion pictures.....	1.0	6.1	6.6	4.5
70	Amusement and recreation services.....	4.5	1.9	5.8	4.0
71	Health services.....	3.7	3.0	2.7	3.1
72	Legal services.....	4.0	2.5	3.6	3.4
73	Educational services.....	6.0	4.6	5.2	5.3
74	Social services.....	5.9	4.6	5.7	5.4
75	Membership organizations.....	5.3	8.6	6.1	6.7
76	Other services.....	2.7	3.2	3.3	3.1
77	Private households.....	2.8	2.9	4.5	3.4
78	Government.....	2.4	3.1	3.2	2.9
79	Federal.....	1.4	3.0	2.8	2.4
80	General government.....	1.6	3.3	3.5	2.8
81	Government enterprises.....	0.1	1.5	-1.2	0.1
82	State and local.....	3.0	3.1	3.4	3.2
83	General government.....	2.8	3.4	3.7	3.3
84	Government enterprises.....	5.1	-0.4	1.0	1.9

Table 8.—Gross Output by Industry, 1997–2000
[Billions of dollars]

Line		1997	1998	1999	2000
1	All industries.....	14,465.7	15,141.6	16,018.9	17,244.4
2	Private industries.....	13,322.5	13,955.9	14,779.7	15,936.0
3	Private goods-producing industries.....	4,966.6	5,021.6	5,235.7	5,600.3
4	Agriculture, forestry, and fishing.....	285.8	279.1	279.4	290.7
5	Farms.....	226.3	214.6	208.3	214.7
6	Agricultural services, forestry, and fishing.....	59.5	64.4	71.1	76.0
7	Mining.....	198.0	165.5	171.2	242.5
8	Metal mining.....	12.6	10.9	9.5	9.9
9	Coal mining.....	27.2	26.9	25.2	24.7
10	Oil and gas extraction.....	139.9	109.1	117.3	188.4
11	Nonmetallic minerals, except fuels.....	18.2	18.5	19.2	19.6
12	Construction.....	603.0	633.8	689.2	731.7
13	Manufacturing.....	3,879.8	3,943.3	4,095.9	4,335.3
14	Durable goods.....	2,109.3	2,188.1	2,283.9	2,391.3
15	Lumber and wood products.....	110.4	113.6	121.9	111.4
16	Furniture and fixtures.....	60.0	64.9	68.2	72.4
17	Stone, clay, and glass products.....	85.3	91.7	97.2	96.0
18	Primary metal industries.....	188.0	187.3	178.9	188.6
19	Fabricated metal products.....	224.6	236.4	238.7	240.4
20	Industrial machinery and equipment.....	388.3	399.4	398.9	443.5
21	Electronic and other electric equipment.....	341.3	340.3	363.3	426.8
22	Motor vehicles and equipment.....	354.9	369.8	421.6	408.6
23	Other transportation equipment.....	153.4	174.7	181.4	181.3
24	Instruments and related products.....	152.0	157.6	160.2	165.8
25	Miscellaneous manufacturing industries.....	51.1	52.3	53.7	56.6
26	Nondurable goods.....	1,770.6	1,755.2	1,812.0	1,944.0
27	Food and kindred products.....	470.8	478.9	479.6	491.2
28	Tobacco products.....	41.3	45.2	50.9	54.7
29	Textile mill products.....	81.7	80.3	77.1	75.8
30	Apparel and other textile products.....	78.7	76.2	78.0	80.1
31	Paper and allied products.....	156.6	162.0	164.8	178.2
32	Printing and publishing.....	209.6	213.8	221.9	230.3
33	Chemicals and allied products.....	391.1	392.8	396.6	419.0
34	Petroleum and coal products.....	173.8	134.9	164.5	226.6
35	Rubber and miscellaneous plastics products.....	157.6	162.5	170.2	179.7
36	Leather and leather products.....	9.5	8.7	8.4	8.4
37	Private services-producing industries.....	8,355.9	8,934.3	9,544.0	10,335.7
38	Transportation and public utilities.....	1,232.4	1,306.5	1,388.8	1,509.7
39	Transportation.....	508.8	541.8	574.8	617.0
40	Railroad transportation.....	41.4	42.0	42.1	42.9
41	Local and interurban passenger transit.....	25.2	27.1	27.7	29.0
42	Trucking and warehousing.....	227.6	246.1	265.1	280.5
43	Water transportation.....	37.9	38.8	41.2	47.5
44	Transportation by air.....	127.7	134.9	142.0	156.3
45	Pipelines, except natural gas.....	7.7	7.4	7.8	7.9
46	Transportation services.....	41.4	45.5	48.8	52.8
47	Communications.....	379.6	422.3	473.2	511.9
48	Telephone and telegraph.....	294.2	327.4	367.5	393.5
49	Radio and television.....	85.4	94.9	105.7	118.4
50	Electric, gas, and sanitary services.....	343.9	342.4	340.8	380.8
51	Wholesale trade.....	828.0	844.3	907.1	979.8
52	Retail trade.....	1,118.3	1,184.2	1,272.0	1,366.2
53	Finance, insurance, and real estate.....	2,470.3	2,637.3	2,789.5	3,017.6
54	Depository institutions.....	383.5	413.7	442.9	477.1
55	Nondepository institutions.....	131.5	134.4	141.9	149.4
56	Security and commodity brokers.....	206.5	255.5	276.0	342.5
57	Insurance carriers.....	299.3	288.3	291.6	308.5
58	Insurance agents, brokers, and service.....	79.5	91.2	99.7	104.6
59	Real estate.....	1,342.0	1,408.5	1,495.6	1,591.6
60	Nonfarm housing services.....	784.0	832.1	879.2	925.5
61	Other real estate.....	558.0	576.4	616.3	666.2
62	Holding and other investment offices.....	28.0	45.7	42.0	43.8
63	Services.....	2,706.9	2,962.0	3,186.7	3,462.4
64	Hotels and other lodging places.....	114.0	121.9	131.1	143.7
65	Personal services.....	88.0	94.5	100.5	108.2
66	Business services.....	583.7	676.9	760.4	851.6
67	Auto repair, services, and parking.....	129.9	140.2	148.6	157.3
68	Miscellaneous repair services.....	47.1	51.8	53.9	57.0
69	Motion pictures.....	60.4	63.6	69.3	74.0
70	Amusement and recreation services.....	120.7	127.9	136.5	143.9
71	Health services.....	722.0	762.2	793.9	840.5
72	Legal services.....	143.2	153.0	162.5	172.5
73	Educational services.....	109.4	117.3	123.2	129.8
74	Social services.....	102.6	111.3	122.4	137.1
75	Membership organizations.....	94.5	102.8	105.7	112.4
76	Other services.....	379.5	424.7	466.0	520.9
77	Private households.....	12.0	14.0	12.7	13.6
78	Government.....	1,143.1	1,185.7	1,239.2	1,308.4
79	Federal.....	368.5	374.1	386.2	403.9
80	General government.....	295.4	298.6	308.1	323.8
81	Government enterprises.....	73.1	75.6	78.1	80.1
82	State and local.....	774.6	811.6	853.0	904.5
83	General government.....	649.2	681.2	716.6	760.4
84	Government enterprises.....	125.4	130.3	136.4	144.1

Table 9.—Intermediate Inputs by Industry,
1997–2000

[Billions of dollars]

Line		1997	1998	1999	2000
1	All industries	6,177.0	6,329.1	6,677.5	7,241.0
2	Private industries	6,098.7	6,246.7	6,590.1	7,149.0
3	Private goods-producing industries	2,999.9	2,981.0	3,082.8	3,307.2
4	Agriculture, forestry, and fishing	155.8	151.1	152.1	155.0
5	Farms	138.1	134.1	134.0	135.7
6	Agricultural services, forestry, and fishing	17.7	17.0	18.1	19.3
7	Mining	79.1	65.2	67.9	115.5
8	Metal mining	7.0	5.5	4.5	5.0
9	Coal mining	16.6	16.2	14.6	14.7
10	Oil and gas extraction	48.1	36.3	41.1	88.8
11	Nonmetallic minerals, except fuels	7.4	7.2	7.7	7.0
12	Construction	264.8	252.9	263.6	268.1
13	Manufacturing	2,500.2	2,511.8	2,599.1	2,768.7
14	Durable goods	1,318.1	1,357.4	1,418.2	1,489.6
15	Lumber and wood products	69.2	71.7	75.7	66.9
16	Furniture and fixtures	37.3	40.6	42.2	45.7
17	Stone, clay, and glass products	48.1	53.0	54.7	52.1
18	Primary metal industries	135.5	134.2	128.7	135.7
19	Fabricated metal products	127.0	134.7	131.2	131.7
20	Industrial machinery and equipment	245.2	240.8	241.6	275.9
21	Electronic and other electric equipment	175.4	181.2	197.7	245.6
22	Motor vehicles and equipment	258.3	258.3	302.7	288.3
23	Other transportation equipment	97.8	116.4	116.9	118.6
24	Instruments and related products	98.4	100.0	101.4	101.6
25	Miscellaneous manufacturing industries	25.9	26.5	25.4	27.5
26	Nondurable goods	1,182.2	1,154.4	1,181.0	1,279.1
27	Food and kindred products	347.6	357.0	346.7	354.1
28	Tobacco products	25.9	27.9	32.0	32.3
29	Textile mill products	56.0	54.6	51.6	51.1
30	Apparel and other textile products	52.2	50.2	53.7	56.6
31	Paper and allied products	102.7	106.3	108.8	118.3
32	Printing and publishing	118.5	118.2	119.2	124.8
33	Chemicals and allied products	226.3	228.0	221.5	227.9
34	Petroleum and coal products	142.4	102.0	134.1	190.1
35	Rubber and miscellaneous plastics products	105.5	105.6	110.9	119.5
36	Leather and leather products	5.1	4.7	4.4	4.4
37	Private services-producing industries	3,098.8	3,265.7	3,507.3	3,841.8
38	Transportation and public utilities	544.0	574.5	612.0	684.7
39	Transportation	247.1	253.1	272.1	303.1
40	Railroad transportation	18.4	17.8	18.9	20.0
41	Local and interurban passenger transit	10.3	10.3	10.1	10.3
42	Trucking and warehousing	128.3	132.0	143.2	154.5
43	Water transportation	24.8	25.1	27.5	32.7
44	Transportation by air	49.1	49.1	51.8	63.4
45	Pipelines, except natural gas	1.9	1.3	1.7	1.8
46	Transportation services	14.3	17.5	18.9	20.5
47	Communications	158.8	183.8	214.6	230.8
48	Telephone and telegraph	127.4	148.0	171.0	184.6
49	Radio and television	31.4	35.8	43.6	46.2
50	Electric, gas, and sanitary services	138.1	137.6	125.3	150.8
51	Wholesale trade	261.1	236.4	273.5	305.6
52	Retail trade	377.8	393.9	437.0	472.4
53	Finance, insurance, and real estate	900.4	928.8	978.9	1,081.3
54	Depository institutions	109.5	113.7	117.3	110.6
55	Nondepository institutions	81.6	81.5	88.1	90.5
56	Security and commodity brokers	85.7	111.6	137.3	198.4
57	Insurance carriers	153.1	138.0	133.3	140.8
58	Insurance agents, brokers, and service	28.2	34.7	34.2	37.4
59	Real estate	422.0	426.9	444.3	475.4
60	Nonfarm housing services	104.9	113.4	114.8	115.0
61	Other real estate	317.0	313.5	329.5	360.4
62	Holding and other investment offices	20.2	22.3	24.4	28.3
63	Services	1,015.5	1,132.1	1,205.8	1,297.8
64	Hotels and other lodging places	43.5	48.4	50.7	57.2
65	Personal services	37.0	37.5	43.1	47.9
66	Business services	188.1	237.1	257.7	279.9
67	Auto repair, services, and parking	57.1	59.2	60.5	63.3
68	Miscellaneous repair services	24.8	27.4	28.7	30.3
69	Motion pictures	34.0	34.4	37.3	39.1
70	Amusement and recreation services	55.8	57.8	61.4	63.2
71	Health services	249.8	271.2	277.5	293.7
72	Legal services	34.2	36.4	39.5	38.9
73	Educational services	48.3	49.8	51.1	51.2
74	Social services	50.1	53.6	60.6	69.5
75	Membership organizations	42.9	49.2	47.4	48.9
76	Other services	149.8	170.3	190.1	214.6
77	Private households	0.0	0.0	0.0	0.0
78	Government	78.3	82.4	87.5	92.0
79	Federal	13.8	14.2	16.5	17.0
80	General government	0.0	0.0	0.0	0.0
81	Government enterprises	13.8	14.2	16.5	17.0
82	State and local	64.5	68.1	70.9	75.0
83	General government	0.0	0.0	0.0	0.0
84	Government enterprises	64.5	68.1	70.9	75.0

Table 10.—Chain-Type Quantity Indexes for Gross Output
by Industry, 1997–2000

[1996=100]

Line		1997	1998	1999	2000
1	All industries	105.28	110.28	115.39	120.70
2	Private industries	105.65	110.97	116.41	122.02
3	Private goods-producing industries	106.59	110.81	115.23	119.05
4	Agriculture, forestry, and fishing	106.17	108.09	111.58	113.58
5	Farms	106.70	107.13	109.74	111.60
6	Agricultural services, forestry, and fishing	104.13	111.40	117.80	120.26
7	Mining	104.16	101.75	96.93	99.70
8	Metal mining	105.87	104.38	97.31	94.49
9	Coal mining	102.23	104.23	102.78	100.81
10	Oil and gas extraction	104.41	100.13	93.77	97.77
11	Nonmetallic minerals, except fuels	104.01	107.31	109.19	111.02
12	Construction	105.43	107.58	112.60	114.44
13	Manufacturing	106.92	111.98	116.80	121.15
14	Durable goods	108.76	117.04	125.14	133.54
15	Lumber and wood products	100.97	105.52	110.39	103.16
16	Furniture and fixtures	108.43	116.23	120.68	126.53
17	Stone, clay, and glass products	104.44	110.42	113.89	110.85
18	Primary metal industries	104.48	108.70	108.54	110.08
19	Fabricated metal products	105.75	110.33	110.93	110.77
20	Industrial machinery and equipment	111.01	122.65	130.05	149.66
21	Electronic and other electric equipment	116.51	131.18	153.46	201.09
22	Motor vehicles and equipment	109.68	115.59	131.19	126.99
23	Other transportation equipment	111.44	126.30	129.77	126.27
24	Instruments and related products	102.21	105.76	107.80	111.34
25	Miscellaneous manufacturing industries	103.08	104.90	106.95	112.22
26	Nondurable goods	104.79	106.16	107.34	107.44
27	Food and kindred products	104.08	108.35	108.97	109.79
28	Tobacco products	99.81	98.26	85.73	84.40
29	Textile mill products	102.35	100.94	99.36	97.81
30	Apparel and other textile products	104.04	99.84	102.03	104.33
31	Paper and allied products	102.04	103.59	105.33	105.95
32	Printing and publishing	104.24	103.33	105.18	106.23
33	Chemicals and allied products	108.10	109.12	109.71	110.16
34	Petroleum and coal products	103.76	103.49	108.63	101.94
35	Rubber and miscellaneous plastics products	106.85	110.66	115.80	119.82
36	Leather and leather products	103.13	96.15	92.34	91.72
37	Private services-producing industries	105.09	111.03	117.05	123.66
38	Transportation and public utilities	103.73	109.38	115.94	121.37
39	Transportation	103.39	108.09	112.27	115.90
40	Railroad transportation	101.07	100.94	102.01	102.66
41	Local and interurban passenger transit	103.84	110.53	112.18	114.57
42	Trucking and warehousing	101.77	107.18	112.25	114.36
43	Water transportation	103.34	104.39	104.61	112.59
44	Transportation by air	105.88	110.16	114.27	120.57
45	Pipelines, except natural gas	103.18	97.40	103.04	102.88
46	Transportation services	107.20	118.51	126.18	130.61
47	Communications	107.75	119.17	135.45	148.00
48	Telephone and telegraph	109.45	122.89	142.27	157.16
49	Radio and television	102.13	107.22	114.34	120.32
50	Electric, gas, and sanitary services	100.05	101.12	101.10	102.12
51	Wholesale trade	106.86	113.76	121.67	127.89
52	Retail trade	104.14	110.42	117.69	125.37
53	Finance, insurance, and real estate	106.16	110.52	115.95	123.51
54	Depository institutions	102.87	106.20	110.02	113.63
55	Nondepository institutions	121.42	121.29	128.70	132.93
56	Security and commodity brokers	125.92	160.14	201.63	287.06
57	Insurance carriers	108.58	101.43	98.93	99.06
58	Insurance agents, brokers, and service	103.43	115.07	123.53	127.85
59	Real estate	102.80	105.17	108.99	112.80
60	Nonfarm housing services	101.91	104.77	107.71	109.98
61	Other real estate	104.08	105.74	110.86	116.93
62	Holding and other investment offices	110.82	165.73	143.94	136.32
63	Services	104.60	111.70	116.96	122.95
64	Hotels and other lodging places	100.60	102.85	105.57	111.93
65	Personal services	100.88	106.31	110.28	115.03
66	Business services	112.49	128.29	141.23	153.40
67	Auto repair, services, and parking	101.63	107.84	112.66	115.53
68	Miscellaneous repair services	98.78	106.11	104.89	106.44
69	Motion pictures	103.85	107.93	112.25	113.69
70	Amusement and recreation services	106.10	109.22	111.49	112.12
71	Health services	102.58	105.62	107.54	110.90
72	Legal services	102.62	105.95	109.82	112.59
73	Educational services	102.11	105.35	107.00	108.07
74	Social services	101.21	106.22	113.24	121.45
75	Membership organizations	95.00	100.22	98.17	99.61
76	Other services	106.09	116.14	124.08	134.32
77	Private households	97.71	110.40	97.57	99.69
78	Government	101.15	102.67	104.12	106.27
79	Federal	99.32	99.55	99.75	101.42
80	General government	98.60	98.02	97.89	99.35
81	Government enterprises	102.30	105.97	107.62	110.16
82	State and local	102.05	104.19	106.24	108.63
83	General government	102.05	104.18	105.98	108.49
84	Government enterprises	102.04	104.21	107.63	109.37

Table 11.—Chain-Type Price Indexes for Gross Output
by Industry, 1997–2000
[1996=100]

Line		1997	1998	1999	2000
1	All industries	101.25	101.18	102.30	105.28
2	Private industries	101.12	100.85	101.81	104.73
3	Private goods-producing industries	99.56	96.82	97.07	100.50
4	Agriculture, forestry, and fishing	96.71	92.75	89.94	91.95
5	Farms	95.29	90.02	85.27	86.43
6	Agricultural services, forestry, and fishing	102.42	103.70	108.16	113.35
7	Mining	101.87	87.14	94.66	130.38
8	Metal mining	94.80	82.74	77.79	83.05
9	Coal mining	98.17	95.18	90.37	90.37
10	Oil and gas extraction	103.22	83.95	96.33	148.40
11	Nonmetallic minerals, except fuels	102.73	101.29	103.30	103.55
12	Construction	103.16	106.25	110.39	115.32
13	Manufacturing	99.11	96.19	95.78	97.74
14	Durable goods	98.26	94.73	92.47	90.73
15	Lumber and wood products	103.56	102.01	104.63	102.28
16	Furniture and fixtures	101.48	102.49	103.64	104.97
17	Stone, clay, and glass products	101.41	103.09	105.89	107.46
18	Primary metal industries	100.71	96.41	92.23	95.88
19	Fabricated metal products	101.16	102.04	102.48	103.34
20	Industrial machinery and equipment Electronic and other electric equipment	94.25	87.73	82.65	79.85
21	Motor vehicles and equipment	93.33	82.66	75.43	67.63
22	Other transportation equipment	99.23	98.11	98.55	98.67
23	Instruments and related products	101.03	101.56	102.59	105.38
24	Miscellaneous manufacturing industries	100.50	100.71	100.42	100.68
25	Nondurable goods	100.96	101.57	102.25	102.64
26	Food and kindred products	100.14	97.99	100.04	107.23
27	Tobacco products	100.37	98.07	97.66	99.26
28	Textile mill products	104.42	116.15	149.74	163.48
29	Apparel and other textile products	100.35	100.02	97.50	97.40
30	Paper and allied products	100.83	101.69	101.92	102.36
31	Printing and publishing	96.34	98.20	98.23	105.59
32	Chemicals and allied products	101.95	104.87	106.96	109.91
33	Petroleum and coal products	100.89	100.39	100.83	106.07
34	Rubber and miscellaneous plastics products	98.17	76.39	88.79	130.32
35	Leather and leather products	99.76	99.34	99.41	101.47
36	Private services-producing industries	101.96	100.98	100.67	102.07
37	Transportation and public utilities	102.07	103.29	104.67	107.29
38	Transportation	102.17	102.72	103.01	106.97
39	Railroad transportation	102.98	104.88	107.12	111.39
40	Local and interurban passenger transit	100.65	102.30	101.42	102.62
41	Trucking and warehousing	100.30	101.34	101.98	104.53
42	Water transportation	104.63	107.38	110.50	114.74
43	Transportation by air	100.79	102.13	108.23	116.04
44	Pipelines, except natural gas	102.81	104.42	105.97	110.56
45	Transportation services	94.81	96.79	97.00	98.49
46	Communications	102.32	101.80	102.50	107.22
47	Telephone and telegraph	101.01	101.61	100.16	99.18
48	Radio and television	99.55	98.69	95.67	92.74
49	Electric, gas, and sanitary services	106.22	112.36	117.37	124.93
50	Wholesale trade	102.25	100.73	100.27	110.91
51	Retail trade	98.10	93.97	94.39	97.00
52	Finance, insurance, and real estate	100.28	100.16	100.92	101.76
53	Depository institutions	103.55	106.19	107.06	108.72
54	Nondepository institutions	108.78	113.69	117.48	122.54
55	Security and commodity brokers	99.88	102.16	101.64	103.64
56	Insurance carriers	96.89	94.27	80.88	70.50
57	Insurance agents, brokers, and service Real estate	105.41	108.69	112.70	119.09
58	Nonfarm housing services	103.93	107.04	109.05	110.59
59	Other real estate	102.94	105.60	108.20	111.26
60	Holding and other investment offices	102.88	106.20	109.15	112.53
61	Services	103.03	104.76	106.85	109.48
62	Hotels and other lodging places	109.34	119.46	126.30	139.09
63	Personal services	102.72	105.26	108.15	111.78
64	Business services	106.41	111.28	116.63	120.56
65	Auto repair, services, and parking	103.15	105.03	107.73	111.24
66	Miscellaneous repair services	101.62	103.35	105.46	108.74
67	Motion pictures	102.76	104.55	106.08	109.46
68	Amusement and recreation services	102.71	105.22	110.71	115.36
69	Health services	102.41	103.76	108.78	114.73
70	Legal services	102.71	105.73	110.52	115.93
71	Educational services	102.30	104.90	107.30	110.16
72	Social services	104.06	107.70	110.34	114.21
73	Membership organizations	103.21	107.24	110.88	115.67
74	Other services	102.77	106.14	109.52	114.37
75	Private households	103.43	106.61	111.97	117.33
76	Government	103.21	105.53	108.38	111.89
77	Federal	102.57	105.44	108.50	113.36
78	State and local	102.75	105.00	108.21	111.94
79	General government	102.10	103.41	106.54	109.60
80	Government enterprises	102.61	104.30	107.79	111.62
81	State and local	100.02	99.89	101.67	101.88
82	General government	103.06	105.76	109.01	113.05
83	Government enterprises	103.16	106.04	109.66	113.66
84	Government enterprises	102.55	104.34	105.70	109.90

Table 12.—Chain-Type Quantity Indexes for Intermediate Inputs
by Industry, 1997–2000
[1996=100]

Line		1997	1998	1999	2000
1	All industries	105.86	110.50	115.30	120.83
2	Private industries	105.99	110.60	115.43	121.06
3	Private goods-producing industries	107.57	111.50	114.89	119.00
4	Agriculture, forestry, and fishing	102.91	105.25	106.72	102.96
5	Farms	103.10	105.88	106.53	101.70
6	Agricultural services, forestry, and fishing	101.46	100.45	108.15	112.51
7	Mining	105.20	95.78	93.83	123.18
8	Metal mining	104.80	85.35	69.79	72.32
9	Coal mining	103.74	102.68	92.01	89.22
10	Oil and gas extraction	106.22	93.39	95.83	145.57
11	Nonmetallic minerals, except fuels	102.54	103.80	108.58	92.04
12	Construction	109.25	103.72	106.39	106.58
13	Manufacturing	107.77	113.24	116.99	121.11
14	Durable goods	108.84	115.67	122.87	130.80
15	Lumber and wood products	102.16	108.65	112.05	98.62
16	Furniture and fixtures	109.37	119.72	124.04	132.01
17	Stone, clay, and glass products	100.21	110.54	112.65	104.34
18	Primary metal industries	104.85	109.31	107.00	109.00
19	Fabricated metal products	107.74	115.79	111.13	113.68
20	Industrial machinery and equipment Electronic and other electric equipment	108.07	111.25	115.46	136.62
21	Motor vehicles and equipment	114.25	125.28	141.95	189.32
22	Other transportation equipment	111.42	113.40	134.04	127.12
23	Instruments and related products	114.41	136.19	136.30	138.11
24	Miscellaneous manufacturing industries	107.90	114.65	119.37	125.57
25	Nondurable goods	101.68	105.16	100.79	107.81
26	Food and kindred products	106.60	110.55	110.53	110.69
27	Tobacco products	105.75	113.57	112.57	113.43
28	Textile mill products	103.57	110.63	125.51	124.16
29	Apparel and other textile products	104.18	103.70	102.39	98.96
30	Paper and allied products	107.32	103.33	112.60	116.53
31	Printing and publishing	100.87	105.23	106.75	115.68
32	Chemicals and allied products	109.52	108.62	109.57	113.14
33	Petroleum and coal products	109.00	115.36	109.37	102.70
34	Rubber and miscellaneous plastics products	108.26	106.79	106.91	104.95
35	Leather and leather products	106.71	109.97	115.11	119.51
36	Private services-producing industries	104.86	100.08	96.33	90.86
37	Transportation and public utilities	104.48	109.72	115.82	122.80
38	Transportation	108.27	118.85	123.15	126.99
39	Railroad transportation	104.58	110.40	114.34	116.40
40	Local and interurban passenger transit	106.24	105.94	110.14	108.02
41	Trucking and warehousing	96.50	104.30	96.69	87.23
42	Water transportation	104.51	109.90	114.76	113.84
43	Transportation by air	100.80	102.59	108.79	121.57
44	Pipelines, except natural gas	105.45	113.04	114.14	121.45
45	Transportation services	89.49	61.75	80.58	77.23
46	Communications	116.99	141.13	148.35	155.66
47	Telephone and telegraph	117.92	137.71	161.40	173.60
48	Radio and television	120.24	141.77	165.93	180.92
49	Electric, gas, and sanitary services	109.21	122.66	144.58	147.26
50	Wholesale trade	104.98	114.55	98.59	97.76
51	Retail trade	100.00	91.46	105.10	116.04
52	Finance, insurance, and real estate	96.50	99.85	108.67	114.07
53	Depository institutions	106.72	106.39	110.19	119.25
54	Nondepository institutions	104.75	105.54	106.70	97.64
55	Security and commodity brokers	113.30	108.40	115.32	114.38
56	Insurance carriers	137.99	175.65	215.90	314.91
57	Insurance agents, brokers, and service Real estate	107.41	93.93	88.98	92.58
58	Nonfarm housing services	110.04	133.16	129.40	137.38
59	Other real estate	100.90	98.32	100.22	104.29
60	Holding and other investment offices	108.29	113.98	111.68	108.73
61	Services	98.66	93.60	96.75	102.94
62	Hotels and other lodging places	106.52	110.45	117.34	134.23
63	Personal services	105.03	116.93	122.91	129.26
64	Business services	105.52	115.76	119.18	130.36
65	Auto repair, services, and parking	97.52	97.50	109.77	118.31
66	Miscellaneous repair services	113.10	146.33	160.85	175.04
67	Motion pictures	101.27	105.53	106.09	106.73
68	Amusement and recreation services	100.71	112.80	117.42	123.62
69	Health services	103.33	102.84	107.45	107.62
70	Legal services	104.10	106.55	105.34	104.41
71	Educational services	107.62	116.29	117.80	121.41
72	Social services	92.19	96.08	102.16	97.71
73	Membership organizations	103.37	105.34	106.29	103.51
74	Other services	100.74	107.26	110.09	132.44
75	Private households	90.13	102.67	98.11	98.04
76	Government	106.42	119.11	130.44	142.77
77	Federal	96.88	103.12	106.38	105.06
78	State and local	82.78	86.07	97.02	94.51
79	General government	82.78	86.07	97.02	94.51
80	Government enterprises	100.57	107.57	108.83	107.82
81	State and local	100.57	107.57	108.83	107.82
82	General government	100.57	107.57	108.83	107.82
83	Government enterprises	100.57	107.57	108.83	107.82
84	Government enterprises	100.57	107.57	108.83	107.82

Table 13.—Chain-Type Price Indexes for Intermediate Inputs by Industry, 1997–2000

[1996=100]

Line		1997	1998	1999	2000
1	All industries	100.77	98.92	100.02	103.50
2	Private industries	100.76	98.90	99.98	103.42
3	Private goods-producing industries	99.44	95.33	95.68	99.10
4	Agriculture, forestry, and fishing	102.34	97.03	96.36	101.74
5	Farms	102.68	97.10	96.47	102.31
6	Agricultural services, forestry, and fishing	99.76	96.58	95.57	97.79
7	Mining	102.18	92.55	98.38	127.43
8	Metal mining	99.32	95.55	96.16	101.94
9	Coal mining	100.42	98.89	99.39	103.00
10	Oil and gas extraction	103.46	88.88	97.98	139.59
11	Nonmetallic minerals, except fuels	100.88	97.35	99.87	106.34
12	Construction	101.84	102.45	104.10	105.66
13	Manufacturing	98.93	94.59	94.74	97.49
14	Durable goods	98.84	95.77	94.20	92.95
15	Lumber and wood products	103.20	100.57	102.86	103.41
16	Furniture and fixtures	100.78	100.40	100.69	102.45
17	Stone, clay, and glass products	101.29	101.16	102.34	105.30
18	Primary metal industries	101.05	95.99	94.09	97.36
19	Fabricated metal products	100.90	99.59	97.49	99.12
20	Industrial machinery and equipment	96.58	92.16	89.10	85.99
21	Electronic and other electric equipment	95.57	90.01	86.72	80.75
22	Motor vehicles and equipment	99.14	97.40	96.57	96.99
23	Other transportation equipment	100.86	100.79	101.15	101.26
24	Instruments and related products	96.81	92.64	90.16	85.92
25	Miscellaneous manufacturing industries	100.46	99.32	99.51	100.48
26	Nondurable goods	99.03	93.25	95.42	103.20
27	Food and kindred products	99.02	94.69	92.77	94.04
28	Tobacco products	100.66	101.59	102.66	105.03
29	Textile mill products	99.07	97.05	92.89	95.17
30	Apparel and other textile products	101.09	101.01	99.21	100.96
31	Paper and allied products	98.52	97.71	96.80	98.90
32	Printing and publishing	99.25	99.80	99.78	101.21
33	Chemicals and allied products	101.31	96.46	98.85	108.26
34	Petroleum and coal products	93.66	68.01	89.35	129.02
35	Rubber and miscellaneous plastics products	100.71	97.88	98.14	101.90
36	Leather and leather products	101.96	97.08	96.07	100.94
37	Private services-producing industries	102.06	102.43	104.20	107.66
38	Transportation and public utilities	101.19	97.35	100.09	108.59
39	Transportation	100.76	97.77	101.47	111.05
40	Railroad transportation	100.37	97.14	99.49	107.33
41	Local and interurban passenger transit	99.01	91.56	96.81	109.09
42	Trucking and warehousing	100.85	98.69	102.54	111.54
43	Water transportation	101.73	101.32	104.55	111.24
44	Transportation by air	100.21	93.56	97.61	112.27
45	Pipelines, except natural gas	100.32	98.43	100.84	107.48
46	Transportation services	102.10	103.52	106.20	109.97
47	Communications	100.46	99.54	99.19	99.16
48	Telephone and telegraph	99.93	98.42	97.19	96.22
49	Radio and television	102.58	104.21	107.68	111.92
50	Electric, gas, and sanitary services	102.78	93.86	99.31	120.55
51	Wholesale trade	100.35	99.35	100.01	101.22
52	Retail trade	102.02	102.79	104.79	107.90
53	Finance, insurance, and real estate	104.12	107.74	109.63	111.90
54	Depository institutions	102.86	105.99	108.18	111.48
55	Nondepository institutions	104.07	108.68	110.42	114.26
56	Security and commodity brokers	101.44	103.78	103.85	102.89
57	Insurance carriers	103.24	106.41	108.42	110.14
58	Insurance agents, brokers, and service	102.13	103.70	105.29	108.19
59	Real estate	105.45	109.49	111.80	114.94
60	Nonfarm housing services	103.92	106.69	110.21	113.42
61	Other real estate	105.94	110.43	112.30	115.42
62	Holding and other investment offices	102.94	109.37	112.64	114.43
63	Services	101.24	101.37	102.72	105.13
64	Hotels and other lodging places	102.50	103.85	105.70	109.07
65	Personal services	102.37	103.60	105.95	109.08
66	Business services	98.89	96.34	95.26	95.05
67	Auto repair, services, and parking	100.89	100.36	102.15	106.19
68	Miscellaneous repair services	100.29	98.84	99.53	99.89
69	Motion pictures	102.59	104.26	108.19	113.11
70	Amusement and recreation services	102.18	103.36	111.10	115.36
71	Health services	101.41	101.86	102.91	105.67
72	Legal services	102.68	104.65	106.90	110.12
73	Educational services	101.93	103.16	104.93	108.10
74	Social services	101.46	102.05	103.86	107.21
75	Membership organizations	101.28	101.87	102.86	106.08
76	Other services	102.25	103.86	105.90	109.23
77	Private households				
78	Government	101.67	100.43	103.37	110.11
79	Federal	101.17	100.12	103.00	108.73
80	General government				
81	Government enterprises	101.17	100.12	103.00	108.73
82	State and local	101.79	100.51	103.46	110.43
83	General government				
84	Government enterprises	101.79	100.51	103.46	110.43

Table 14.—Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group, 1997–2000

[Dollars]

Line		1997	1998	1999	2000
1	Total	1.014	1.025	1.034	1.059
2	Compensation of employees	0.530	0.542	0.551	0.568
3	Indirect business tax and nontax liability	0.091	0.091	0.090	0.092
4	Property-type income	0.394	0.392	0.393	0.399
5	Goods-producing industries	0.997	0.991	0.992	1.027
6	Compensation of employees	0.584	0.595	0.591	0.611
7	Indirect business tax and nontax liability	0.039	0.039	0.039	0.043
8	Property-type income	0.374	0.357	0.362	0.372
9	Agriculture, forestry and fishing	0.905	0.880	0.829	0.816
10	Compensation of employees	0.298	0.319	0.325	0.310
11	Indirect business tax and nontax liability	0.048	0.048	0.048	0.045
12	Property-type income	0.558	0.513	0.457	0.461
13	Mining	1.017	0.837	0.923	1.336
14	Compensation of employees	0.301	0.299	0.306	0.383
15	Indirect business tax and nontax liability	0.103	0.098	0.105	0.144
16	Property-type income	0.612	0.441	0.512	0.808
17	Construction	1.042	1.092	1.150	1.222
18	Compensation of employees	0.681	0.706	0.738	0.786
19	Indirect business tax and nontax liability	0.024	0.025	0.025	0.026
20	Property-type income	0.337	0.361	0.388	0.411
21	Manufacturing	0.994	0.991	0.977	0.982
22	Compensation of employees	0.614	0.621	0.605	0.614
23	Indirect business tax and nontax liability	0.036	0.037	0.037	0.040
24	Property-type income	0.344	0.333	0.336	0.328
25	Durable goods	0.973	0.930	0.897	0.872
26	Compensation of employees	0.652	0.630	0.607	0.605
27	Indirect business tax and nontax liability	0.024	0.023	0.022	0.022
28	Property-type income	0.298	0.278	0.267	0.245
29	Nondurable goods	1.024	1.082	1.099	1.158
30	Compensation of employees	0.561	0.601	0.593	0.617
31	Indirect business tax and nontax liability	0.054	0.060	0.060	0.073
32	Property-type income	0.409	0.420	0.446	0.468
33	Services-producing industries	1.021	1.038	1.049	1.071
34	Compensation of employees	0.509	0.523	0.535	0.552
35	Indirect business tax and nontax liability	0.110	0.110	0.109	0.110
36	Property-type income	0.401	0.405	0.405	0.409
37	Transportation and public utilities	1.029	1.072	1.054	1.056
38	Compensation of employees	0.448	0.471	0.475	0.479
39	Indirect business tax and nontax liability	0.102	0.108	0.104	0.104
40	Property-type income	0.479	0.492	0.475	0.473
41	Wholesale trade	0.970	0.916	0.920	0.952
42	Compensation of employees	0.526	0.506	0.522	0.544
43	Indirect business tax and nontax liability	0.209	0.191	0.190	0.196
44	Property-type income	0.235	0.219	0.208	0.211
45	Retail trade	0.994	0.988	0.990	0.987
46	Compensation of employees	0.572	0.561	0.567	0.564
47	Indirect business tax and nontax liability	0.180	0.177	0.178	0.179
48	Property-type income	0.242	0.250	0.244	0.244
49	Finance, insurance and real estate	1.032	1.053	1.057	1.070
50	Compensation of employees	0.248	0.263	0.268	0.275
51	Indirect business tax and nontax liability	0.128	0.126	0.123	0.123
52	Property-type income	0.656	0.664	0.666	0.672
53	Services	1.036	1.077	1.116	1.161
54	Compensation of employees	0.742	0.778	0.807	0.846
55	Indirect business tax and nontax liability	0.031	0.032	0.033	0.034
56	Property-type income	0.263	0.267	0.276	0.281

NOTE.—Current-dollar cost per unit of real gross domestic product by industry equals the gross domestic product by industry price index divided by 100. These unit-cost measures differ from the unit-labor-cost and unit-nonlabor-cost series published by the Bureau of Labor Statistics (BLS). See *BLS Handbook of Methods*, Bulletin 2490 (Washington, DC: U.S. Government Printing Office, April 1997).